

Manufacturer	Model	System	System name	System name2	feature	feature ID	Detail
Kia	Carens II	Brake System	ABS - Anti-lock braking system		ECU Information	1	Identification check
Kia	Carens II	Brake System	ABS - Anti-lock braking system		ECU Information	1	Model code
Kia	Carens II	Brake System	ABS - Anti-lock braking system		ECU Information	2	System
Kia	Carens II	Brake System	ABS - Anti-lock braking system		ECU Information	3	Software version
Kia	Carens II	Brake System	ABS - Anti-lock braking system		ECU Information	4	Calibration of ECU
Kia	Carens II	Brake System	ABS - Anti-lock braking system		ECU Information	5	Software version number
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	1	Vehicle speed
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	2	Battery voltage
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	3	Reference voltage
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	4	Front left wheel speed sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	5	Front right wheel speed sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	6	Rear left wheel speed sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	7	Rear right wheel speed sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	8	Steering SNSR (ST 1)
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	9	Steering SNSR (ST 2)
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	10	Steering SNSR (ST 3)
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	11	ABS warning lamp
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	12	EBD warning lamp
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	13	TCS/ESP warning lamp
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	14	TCS off indicator
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	15	TCS power switch
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	16	Brake switch
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	17	Motor relay
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	18	valve relay
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	19	Motor
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	20	ABS inlet valve front left
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	21	ABS inlet valve front right
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	22	ABS inlet valve rear left
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	23	ABS inlet valve rear right
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	24	ABS outlet valve front left
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	25	ABS outlet valve front right
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	26	ABS outlet valve rear left
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	27	ABS outlet valve rear right
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	28	Front LH traction control valve
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	29	Front RH traction control valve
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	30	Shuttle valve(FL)
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	31	Shuttle valve(FR)
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	32	Yaw rate and lateral acceleration sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	33	Yaw rate value
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	34	Pressure sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	35	Steering angle sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	1	Engine speed
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	2	Vehicle speed
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	3	Throttle position
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	4	Gear lever position
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	5	Battery voltage
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	6	Front left wheel speed sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	7	Front right wheel speed sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	8	Rear left wheel speed sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	9	Rear right wheel speed sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	10	ABS warning lamp
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	11	EBD warning lamp
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	12	ESP lamp
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	13	ESP OFF lamp
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	14	ESP button
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	15	Brake light switch
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	16	Pump motor relay
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	17	valve relay
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	18	Motor
Kia	Carens II	Brake System	ABS - Anti-lock braking system		Live Parameters	19	ABS inlet valve front left

Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	20 ABS inlet valve front right
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	21 ABS inlet valve rear left
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	22 ABS inlet valve rear right
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	23 ABS outlet valve front left
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	24 ABS outlet valve front right
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	25 ABS outlet valve rear left
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	26 ABS outlet valve rear right
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	27 TCS valve (USV 1)
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	28 TCS valve (USV 2)
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	29 ESP valve (HSV 1)
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	30 ESP valve (HSV 2)
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	31 Steering angle sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	32 Lateral acceleration
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	33 Yaw rate sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	34 Pressure sensor
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	35 Parking brake
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Live Parameters	36 SAS calibrated
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	1 Motor
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	2 ABS inlet valve front left
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	3 ABS inlet valve front right
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	4 ABS inlet valve rear left
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	5 ABS inlet valve rear right
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	6 ABS outlet valve front left
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	7 ABS outlet valve front right
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	8 ABS outlet valve rear left
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	9 ABS outlet valve rear right
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	10 Front LH traction control valve
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	11 Front RH traction control valve
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	12 Electronic shuttle valve(FR)
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	13 Electronic shuttle valve(FL)
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	1 Motor
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	2 ABS inlet valve front left
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	3 ABS inlet valve front right
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	4 ABS inlet valve rear left
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	5 ABS inlet valve rear right
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	6 ABS outlet valve front left
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	7 ABS outlet valve front right
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	8 ABS outlet valve rear left
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	9 ABS outlet valve rear right
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	10 TCS valve (USV 1)
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	11 TCS valve (USV 2)
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	12 ESP valve (HSV 1)
Kia	Carens II	Brake System	ABS - Anti-lock braking system	Tests	13 ESP valve (HSV 2)
Kia	Carens II	Climate Control	Climate control	Live Parameters	1 Water temperature
Kia	Carens II	Climate Control	Climate control	Live Parameters	2 Interior temperature sensor
Kia	Carens II	Climate Control	Climate control	Live Parameters	3 Ambient temperature
Kia	Carens II	Climate Control	Climate control	Live Parameters	4 EVAP sensor
Kia	Carens II	Climate Control	Climate control	Live Parameters	5 Light sensor
Kia	Carens II	Climate Control	Climate control	Live Parameters	6 Distribution flap position
Kia	Carens II	Climate Control	Climate control	Live Parameters	7 Direct potentiometer
Kia	Carens II	Climate Control	Climate control	Live Parameters	8 Air humidity sensor, AC
Kia	Carens II	Climate Control	Climate control	Tests	1 AC-compressor
Kia	Carens II	Climate Control	Climate control	Tests	2 A/C-compressor cutoff
Kia	Carens II	Climate Control	Climate control	Tests	3 Driver air mix door-drive 0%
Kia	Carens II	Climate Control	Climate control	Tests	4 Driver air mix door-drive 50%
Kia	Carens II	Climate Control	Climate control	Tests	5 Driver air mix door-drive 100%
Kia	Carens II	Climate Control	Climate control	Tests	6 Blower fan motor off command
Kia	Carens II	Climate Control	Climate control	Tests	7 Blower fan motor-drive low
Kia	Carens II	Climate Control	Climate control	Tests	8 Blower fan motor-drive medium
Kia	Carens II	Climate Control	Climate control	Tests	9 Blower fan motor-drive high
Kia	Carens II	Climate Control	Climate control	Tests	10 Driver mode door-vent

Kia	Carens II	Climate Control	Climate control	Tests	11 Driver mode door-floor
Kia	Carens II	Climate Control	Climate control	Tests	12 Driver mode door-def
Kia	Carens II	Climate Control	Climate control	Tests	13 Intake door-Fresh
Kia	Carens II	Climate Control	Climate control	Tests	14 Intake door-Recirc
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Adaptations	1 Lambda sensor change
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Adaptations	2 Rail pressure sensor change
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Adaptations	3 Air flow change
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Adaptations	4 Catalytic particle filter (CPF) change
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Adaptations	5 Reset pressure sensor diesel particel filter
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Adaptations	6 Swirl control valve change
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Adaptations	7 Injector programming
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	ECU Information	1 Calibration number
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	ECU Information	2 Hardware number
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	ECU Information	3 ROM (Read only memory)
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	1 Battery voltage
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	2 Fuel quantity
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	3 Accelerator pedal position sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	4 Fuel pressure measured
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	5 Rail pressure regulator
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	6 EGR valve
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	7 Atmospheric pressure sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	8 Air inlet temperature sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	9 Coolant temperature sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	10 Clutch pedal switch
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	11 Neutral or first gear
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	12 Redundant brake pedal
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	13 Control of AC compressor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	14 Brake pedal switch
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	15 Blower switch
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	16 Ignition lock
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	17 Accelerator pedal position 1
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	18 Accelerator pedal position 2
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	19 CHECK-ENGINE-lamp
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	20 Glowplug relay
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	21 Vehicle speed information
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	22 MAF (Mass Air Flow)
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	23 Fan Speed Low
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	24 Fan Speed High
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	25 Fuel pump relay
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	26 Boost pressure sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	27 Variable geometry turbocharger (VGT) actuator
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	28 Fuel temperature
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	29 Electric auxiliary heater
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	30 Immobilizer lamp
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	31 Target fuel pressure
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	32 Injection pump regulator
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	33 A/C pressure sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	34 Throttle actuator
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	35 O2s subtract voltage
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	36 Lambda sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	37 Lambda sensor temperature monitoring
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	38 O2 sensor heater duty
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	39 O2s state of adaption
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	40 Particle filter pressure
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	41 Exhaust gas flow
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	42 Particle filter differential pressure
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	43 Exhaust gas temp pre variable geometry turbocharger (VGT)
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	44 Exhaust gas temp pre catalytic particle filter(CPF)
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	45 Regeneration active
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	46 Status of signal app/brk
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	47 Theoretical engine charge

Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	48 Boost pressure sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	49 Mass air flow per cylinder
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	50 Immobilisation/Alarm system
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	51 Shift position
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	52 AT/MT (Gearbox) information
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	53 Engine torque multiplexed, Actual torque
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	54 Engine torque multiplexed, Expected torque
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	55 AC compressor relay
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	56 Fuel temp sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	57 Glow time lamp
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	58 Air inlet temperature sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	59 Engine speed
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Live Parameters	60 V/swirl actuator (U/D/S)
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	1 AC compressor relay
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	2 Check engine lamp
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	3 Relay, preheater
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	4 Fuel pump relay
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	5 Fan Speed High
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	6 Fan Speed Low
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	7 Cruise control lamp
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	8 Cruise control set lamp
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	9 Glow plug lamp
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	10 Glowplug relay
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	11 Immobilizer lamp
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	12 VGT valve
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	13 EGR valve
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	14 Variable swirl control actuator
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	15 Rail pressure regulator
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	16 Lambda sensor heater
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	17 Throttle control valve
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (Can)	Tests	18 Pressure regulation valve (MPROP)
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	ECU Information	1 Calibration number
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	ECU Information	2 Hardware number
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	ECU Information	3 ROM (Read only memory)
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	1 Battery voltage
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	2 Fuel quantity
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	3 Accelerator pedal position sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	4 Fuel pressure measured
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	5 Rail pressure regulator
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	6 EGR valve
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	7 Atmospheric pressure sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	8 Air inlet temperature sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	9 Coolant temperature sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	10 Clutch pedal switch
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	11 Neutral or first gear
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	12 Redundant brake pedal
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	13 Control of AC compressor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	14 Brake pedal switch
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	15 Blower switch
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	16 Ignition lock
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	17 Accelerator pedal position 1
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	18 Accelerator pedal position 2
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	19 CHECK-ENGINE-lamp
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	20 Glowplug relay
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	21 Vehicle speed information
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	22 MAF (Mass Air Flow)
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	23 Fan Speed Low
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	24 Fan Speed High
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	25 Fuel pump relay
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	26 Boost pressure sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	27 Variable geometry turbocharger (VGT) actuator

Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	28 Fuel temperature
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	29 Electric auxiliary heater
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	30 Immobilizer lamp
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	31 Target fuel pressure
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	32 Injection pump regulator
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	33 A/C pressure sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	34 Throttle actuator
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	35 O2s subtract voltage
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	36 Lambda sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	37 Lambda sensor temperature monitoring
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	38 O2 sensor heater duty
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	39 O2s state of adaption
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	40 Particle filter pressure
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	41 Exhaust gas flow
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	42 Particle filter differential pressure
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	43 Exhaust gas temp pre variable geometry turbocharger (VGT)
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	44 Exhaust gas temp pre catalytic particle filter(CPF)
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	45 Regeneration active
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	46 Status of signal app/brk
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	47 Theoretical engine charge
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	48 Boost pressure sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	49 Mass air flow per cylinder
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	50 Immobilisation/Alarm system
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	51 Shift position
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	52 AT/MT (Gearbox) information
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	53 Cruise Control
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	54 Engine torque multiplexed, Actual torque
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	55 Engine torque multiplexed, Expected torque
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	56 Fuel temp sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	57 Glow time lamp
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	58 Air inlet temperature sensor
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	59 Engine speed
Kia	Carens II	Engine Diesel	D4EA 2,0 CRDi Euro-4 (KWP)	Live Parameters	60 V/swirl actuator (U/D/S)
Kia	Carens II	Immobiliser	Immobiliser - Diesel	Live Parameters	1 Programmed keys
Kia	Carens II	Immobiliser	Immobiliser - Diesel	Live Parameters	2 ECU status immobilizer
Kia	Carens II	Immobiliser	Immobiliser - Diesel	Live Parameters	3 Key status
Kia	Carens II	Restraints	Airbag	ECU Information	1 Vehicle ID
Kia	Carens II	Restraints	Airbag	ECU Information	2 Control unit ID
Kia	Carens II	Restraints	Airbag	ECU Information	3 System name
Kia	Carens II	Restraints	Airbag	ECU Information	4 date
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Adaptations	1 Configuration decrement idle speed
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Adaptations	2 Configuration increment of idle speed
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Adaptations	3 Injection timing adjustment
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Adaptations	4 Injection timing adjustment
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Adaptations	5 Fuel leak test
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	1 Check engine lamp
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	2 Engine stalled
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	3 Engine state
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	4 Engine at idle condition
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	5 A/C fan drive
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	6 P/N switch
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	7 Gearbox configuration
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	8 Fan 2 drive 1 High speed
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	9 Fan 2 drive 2 High speed
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	10 Fan 1 drive low speed
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	11 Brake light switch
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	12 Secondary brake contact
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	13 Clutch switch
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	14 Immobilizer lamp
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	15 Air heater lamp
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	16 A/C requested

Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	17 A/C relay drive
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	18 Blower switch
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	19 Water heater control signal
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	20 Air heater
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	21 EGR system
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	22 Water in fuel lamp
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	23 Water in Fuel Condition
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	24 Air mass meter
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	25 Air mass meter
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	26 Coolant temperature
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	27 Coolant temperature
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	28 Air temperature
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	29 Air temperature
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	30 Fuel temperature
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	31 Fuel temperature
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	32 Atmospheric pressure
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	33 Atmospheric pressure
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	34 Rail pressure
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	35 Rail pressure
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	36 Battery voltage
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	37 Accelerator pedal position
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	38 Accelerator pedal sensor 1
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	39 Accelerator pedal sensor 2
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	40 Target idle speed
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	41 Engine speed
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	42 Vehicle speed
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	43 Main fuel demand
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	44 Pilot fuel demand
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	45 Main injection timing demand
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	46 Pilot injection timing demand
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	47 Rail pressure demand
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	48 Air mass flow demand
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	49 Transmission Control Unit TCU torque demand
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	50 EGR duty cycle PWM drive
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	51 Inlet valve
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	52 Sensor supply voltage
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	53 Fuel temperature
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	54 Atmospheric pressure
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	55 Coolant temperature
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	56 Rail pressure
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	57 Air temperature
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	58 Key off engaged
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	59 Injector 1 cylinder 1 rise time
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	60 Injector 2 cylinder 3 rise time
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	61 Injector 3 cylinder 4 rise time
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	62 Injector 4 cylinder 2 rise time
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	63 Password status
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	64 Acc. Correction - cyl 1 (low pressure)
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	65 Acc. Correction - cyl 1 (high pressure)
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	66 Acc. Correction - cyl 3 (low pressure)
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	67 Acc. Correction - cyl 3 (high pressure)
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	68 Acc. Correction - cyl 4 (low pressure)
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	69 Acc. Correction - cyl 4 (high pressure)
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	70 Acc. Correction - cyl 2 (low pressure)
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	71 Acc. Correction - cyl 2 (high pressure)
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	72 Acc. Corrections update - cyl 1
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	73 Acc. Corrections update - cyl 3
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	74 Acc. Corrections update - cyl 4
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	75 Acc. Corrections update - cyl 2
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	76 Vehicle identification VIN
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	77 Software version

Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	78 Calibration version
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	79 Individual injector correction, C2I cylinder 1
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	80 Individual injector correction, C2I cylinder 2
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	81 Individual injector correction, C2I cylinder 3
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Live Parameters	82 Individual injector correction, C2I cylinder 4
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	1 Control of AC compressor
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	2 EGR valve
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	3 Relay low speed fan
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	4 Relay high speed fan
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	5 Preheater light
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	6 Immobilizer Lamp Control Circuit
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	7 Cooling fan relay
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	8 Preheater relay group N 1
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	9 EGR Throttle Position Control Circuit
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	10 Cruise lamp
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	11 Water in fuel lamp
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	12 Relay heatpluggs 1
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	13 Rail pressure control valve
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	14 Injection valve 1
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	15 Injection valve 4
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	16 Injection valve 2
Kia	Carnival I	Engine Diesel	KJ 2,9 Delphi CRDI	Tests	17 Injection valve 3
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	ECU Information	1 ECU identification
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	ECU Information	2 ECU identification
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	1 Gearbox type
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	2 Air conditioning
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	3 A/C switch
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	4 Headlamp switch
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	5 Warning lamp
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	6 A/C relay drive
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	7 Cooling fan low speed
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	8 Cooling fan high speed
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	9 Idle switch
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	10 Throttle position: Full load
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	11 Fuel pump relay
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	12 Main relay
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	13 Knocking signal module
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	14 Engine cranking
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	15 Air fuel closed loop
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	16 Oxygen sensor heater(front)
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	17 Downstream oxygen sensor
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	18 ISA Duty cycle (Closed)
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	19 MAF voltage
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	20 Throttle position sensor
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	21 Battery voltage
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	22 ETC sensor
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	23 Intake air temperature sensor
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	24 Throttle position sensor
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	25 Last error occurrence
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	26 Distance driven with MIL on (km)
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	27 ISA Duty cycle (open)
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	28 Cylinder 1 Injection Timing
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	29 Cylinder 6 Injection Timing
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	30 Cylinder 5 Injection Timing
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	31 Cylinder 4 Injection Timing
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	32 Engine torque, actual value
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	33 Engine torque request
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	34 Cylinder 3 Injection Timing
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	35 Cylinder 2 Injection Timing
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	36 Lambda sensor heating, bank 1
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	37 EVAP Purge Valve

Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	38 Upstream O2 sensor (bank 1)
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	39 Rear lambda sensor, bank 1
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	40 Target idle speed
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	41 Ignition timing
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	42 MAF (Mass Air Flow)
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	43 Oxygen-sensor heater 2
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	44 Upstream O2 sensor (bank 2)
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	45 Rear lambda sensor, bank 2
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	46 Vehicle speed
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	47 Idle speed correction
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	48 Engine speed
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	49 Long term fuel trim at idle bank 1
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	50 Long term fuel trim 1
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	51 ISA Adaption value
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	52 Long term fuel trim at idle bank 2
Kia	Carnival I	Engine Petrol	KV6 2,5L V6 Gasoline	Live Parameters	53 Long term fuel trim 2
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	ECU Information	1 Control unit (ECU)
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	1 Engine speed
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	2 Vehicle speed
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	3 Throttle position sensor
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	4 Gearbox input speed sensor
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	5 Output speed
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	6 Damper clutch control solenoid valve
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	7 Damper clutch control, rpm slip
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	8 Low reverse solenoid duty
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	9 Underdrive solenoid duty
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	10 Second solenoid duty
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	11 Overdrive solenoid duty
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	12 Oil temperature
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	13 Shift position
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	14 Select lever switch
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	15 AC switch
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	16 Stop light switch
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	17 Cruise control switch
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	18 Sport program
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	19 Upshift Switch Circuit
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	20 Downshift Switch Circuit
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	21 A/T converter relay voltage
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	22 Engine torque
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Live Parameters	23 Hivec mode
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Tests	1 Low reverse solenoid valve
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Tests	2 Underdrive solenoid valve
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Tests	3 Second solenoid valve
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Tests	4 Overdrive solenoid valve
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Tests	5 Damper clutch control solenoid valve
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Tests	6 Intelligent shift prohibited
Kia	Carnival I	Gearbox / Automatic Trar	Gearbox	Tests	7 AT control relay
Kia	Carnival I	Restraints	Airbag	ECU Information	1 Airbag system information
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Adaptations	1 Cylinder 1 injector code
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Adaptations	2 Cylinder 2 injector code
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Adaptations	3 Cylinder 3 injector code
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Adaptations	4 Cylinder 4 injector code
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	ECU Information	1 Calibration number
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	ECU Information	2 ROM (Read only memory)
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	1 Fuel temperature sensor
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	2 Fuel temperature
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	3 Boost pressure sensor
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	4 Boost pressure sensor
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	5 Boost pressure
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	6 Track 1 pedal sensor circuit
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	7 Track 2 pedal sensor circuit

Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	8 Accelerator pedal position
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	9 Rail pressure
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	10 Rail pressure
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	11 Atmospheric pressure (raw value)
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	12 Atmospheric pressure
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	13 Coolant temperature sensor (raw value)
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	14 Coolant temperature sensor
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	15 Air temperature (raw value)
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	16 Air temperature
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	17 Supply voltage external components
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	18 Supply voltage 2 external components
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	19 Voltage alimentation auxilary supply
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	20 Battery voltage
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	21 Mass air flow sensor
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	22 Air mass meter
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	23 Vehicle speed
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	24 Voltage to ignition switch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	25 Engine block accelerometer noise level 0
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	26 Engine block accelerometer noise level 1
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	27 A/C pressure sensor
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	28 A/C pressure
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	29 Cruise control switch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	30 EGR position sensor
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	31 EGR position
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	32 Swirl position sensor
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	33 Swirl flap position
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	34 Water in fuel sensor
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	35 Brake light switch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	36 Brake safety switch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	37 Brake switch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	38 Cruise control switch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	39 Clutch switch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	40 Clutch switch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	41 Transmission switch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	42 Blower switch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	43 Air conditioning switch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	44 Neutral switch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	45 PWM swirl level control solenoid valve
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	46 Fan 1
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	47 Fan 2
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	48 Glow plug, activation
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	49 Glow plug diagnosis input
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	50 Auxiliary heater
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	51 Water heater activation
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	52 A/C compressor
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	53 Boost pressure bypass
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	54 IMV drive duty cycle demand
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	55 Boost pressure
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	56 Accelerator pedal position
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	57 Coolant temperature sensor
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	58 Air temperature
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	59 Battery voltage
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	60 Injected fuel quantity
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	61 Engine speed
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	62 Demand engine torque
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	63 Boost Pressure demand
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	64 Rail pressure demand
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	65 Turbo valve drive dutycycle
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	66 EGR valve duty cycle
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	67 EGR valve duty cycle
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	68 EGR demand

Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	69 Pilot 1 injection
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	70 Pilot 2 injection
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	71 Ignition advance
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	72 Fuel injection quantity post 1
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	73 Fuel injection quantity post 2
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	74 Fuel quantity
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	75 Fuel quantity correction injector 0
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	76 Fuel quantity correction cylinder 1
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	77 Fuel quantity correction cylinder 2
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	78 Fuel quantity correction cylinder 3
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	79 Inlet metering valve
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	80 Target idle speed
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	81 Engine state
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	82 Engine run inhibited
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	83 Vehicle total distance
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	84 AT/MTswitch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	85 Vehicle type switch
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	86 FAP differential pressure raw
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	87 Diesel particulate filter differential pressure
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	88 Exhaust gas temperature (raw value)
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	89 Exhaust gas temperature
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	90 Exhaust temperature before catalyst
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	91 Temperature after catalyst
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	92 After catalyst temperature raw
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	93 Diesel particulate filter DPF differential pressure - Clean filter
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	94 Regeneration help state
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	95 Ashes learnings (DPF)
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	96 Soot mass
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	97 Engine speed
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	98 Injected fuel quantity
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	99 Demand engine torque
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	100 Accelerator pedal position
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	101 Fuel temperature
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	102 Rail pressure demand
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	103 Rail pressure
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	104 Inlet metering valve
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	105 Rail pressure error
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	106 IMV current correction
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	107 Rail pressure control
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	108 Maximum instant torque
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	109 Engine torque control
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	110 Cylinder 1 injector code
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	111 Cylinder 2 injector code
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	112 Cylinder 3 injector code
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Live Parameters	113 Cylinder 4 injector code
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	1 EGR throttle
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	2 EGR valve
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	3 Glow plug
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	4 IMV
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	5 VGT valve
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	6 Fan 2
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	7 Fan 1
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	8 Power supply relay
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	9 MI lamp
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	10 Glow plug lamp
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	11 Swirl valve
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	12 CE lamp
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	13 AC relay
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	14 Immobiliser lamp
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	15 Cruise main lamp
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	16 PTC heater

Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	17 Water heater control signal
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	18 Bypass actuator
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	19 Water in fuel lamp
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	20 Injector 1 (cylinder 1)
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	21 Injector 2 (cylinder 3)
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	22 Injector 3 (cylinder 4)
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	23 Injector 4 (cylinder 2)
Kia	Carnival II	Engine Diesel	J3 2,9 DCM	Tests	24 Intercooler fan
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	ECU Information	1 Rail pressure control valve IMV, parameter in upper limit
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	ECU Information	2 Calibration number
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	ECU Information	3 ROM (Read only memory)
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	1 Fuel temperature
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	2 Boost pressure sensor
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	3 Signal, pedal travel sensor 1
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	4 Signal, pedal travel sensor 2
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	5 Accelerator pedal position sensor
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	6 Rail pressure
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	7 Atmospheric pressure sensor
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	8 Coolant temperature sensor
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	9 Air temperature sensor
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	10 Supply voltage external components
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	11 Supply voltage 2 external components
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	12 Battery voltage
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	13 Air mass meter
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	14 Vehicle speed
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	15 Ignition switch status
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	16 AC pressure sensor
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	17 EGR position
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	18 V/swirl actuator (U/D/S)
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	19 Water in fuel (if sensor present)
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	20 Brake light switch 1
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	21 Brake light switch 2
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	22 Brake switch
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	23 Brakes, clutch and cruise control operating state
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	24 Actual clutch position
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	25 AT/MT (Gearbox) information
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	26 Blower switch
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	27 AC switch
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	28 Input, AC thermostat
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	29 Neutral position switch
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	30 Turbo regulating valve
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	31 EGR valve status
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	32 Intake manifold throttle valve
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	33 Swirl control valve SCV
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	34 Fan 1
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	35 Fan 2
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	36 Glow plug, activation
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	37 Glow plug lamp
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	38 PTC heater booster
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	39 AC-compressor
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	40 IMV drive (PWM)
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	41 Quantity sensor, fuel injection
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	42 Engine speed
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	43 Engine torque request
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	44 Target overboost pressure
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	45 Rail pressure demand
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	46 EGR-valve demand
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	47 Pilot 1 injection
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	48 Pilot 2 injection
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	49 Preinjection
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	50 Pilot 1 injection

Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	51 Pilot 2 injection
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	52 Preinjection
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	53 Fuel quantity correction cylinder 1
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	54 Fuel quantity correction cylinder 2
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	55 Fuel quantity correction cylinder 3
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	56 Fuel quantity correction cylinder 4
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	57 Target idle speed
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	58 Rail pressure control valve IMV, parameter in lower limit
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	59 Fuel pressure control valve (high pressure)
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	60 High pressure valve ; Offset
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	61 EGR-feedback-valve
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	62 Swirl flap first close position
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	63 Swirl flap last close position
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	64 Swirl flap close position count
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	65 Swirl flap close position fault
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	66 Swirl flap open position
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	67 PTC heater booster
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	68 A/C status
Kia	Carnival II	Engine Diesel	KJ 2,9 VGT	Live Parameters	69 Cruise Control
Kia	Carnival II	Immobiliser	Immobiliser - Diesel	Live Parameters	1 Programmed keys
Kia	Carnival II	Immobiliser	Immobiliser - Diesel	Live Parameters	2 ECU status immobilizer
Kia	Carnival II	Immobiliser	Immobiliser - Diesel	Live Parameters	3 Key status
Kia	Carnival II	Restraints	Airbag	ECU Information	1 Vehicle type
Kia	Carnival II	Restraints	Airbag	ECU Information	2 Part number
Kia	Carnival II	Restraints	Airbag	ECU Information	3 System name
Kia	Carnival II	Restraints	Airbag	ECU Information	4 date
Kia	Carnival II	Restraints	Airbag	ECU Information	5 Software version
Kia	Carnival II	Restraints	Airbag	ECU Information	6 Hardware version
Kia	Carnival II	Restraints	Airbag	ECU Information	7 Part version suffix
Kia	Carnival II	Restraints	Airbag	Live Parameters	1 Passenger airbag
Kia	Cee'd	Body Control Module	Body control module	ECU Information	1 Vehicle identification number
Kia	Cee'd	Body Control Module	Body control module	ECU Information	2 Part number
Kia	Cee'd	Body Control Module	Body control module	ECU Information	3 ECU serial number
Kia	Cee'd	Body Control Module	Body control module	ECU Information	4 Date
Kia	Cee'd	Body Control Module	Body control module	ECU Information	5 Software version
Kia	Cee'd	Body Control Module	Body control module	ECU Information	6 Hardware version
Kia	Cee'd	Body Control Module	Body control module	ECU Information	1 Vehicle ID
Kia	Cee'd	Body Control Module	Body control module	ECU Information	2 Part number
Kia	Cee'd	Body Control Module	Body control module	ECU Information	3 Manufacturing date
Kia	Cee'd	Body Control Module	Body control module	ECU Information	4 Software version
Kia	Cee'd	Body Control Module	Body control module	ECU Information	5 Hardware version
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	1 Ignition 1
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	2 Ignition 2
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	3 Alternator
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	4 Key-in switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	5 Relay immobiliser
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	6 Power window relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	7 Head light switch (Tail)
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	8 Automatic light switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	9 Switch fog light / rear fog light
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	10 Headlamp switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	11 Fog lights switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	12 Rear light activation relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	13 Mainlight relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	14 Rear fog light relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	15 Hazard warning flashers
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	16 Indication lamp seat belt, driver
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	17 Indication lamp seat belt, passenger
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	18 Interior lamps output
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	19 Illumination ignition switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	20 Security indicator

Kia	Cee'd	Body Control Module	Body control module	Live Parameters	21 door open
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	22 Seatbelt warning lamp
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	23 Front fog lights relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	24 Door switch, driver door
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	25 Passenger door switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	26 Hood switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	27 Left rear door contact switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	28 Right rear door contact switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	29 Luggage opener switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	30 Switch unlock/trunkhandle
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	31 Actuator central locking, drivers door
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	32 Actuator central locking, passengers door
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	33 Motors for Central Locking: Rear Right
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	34 Motors for Central Locking: Rear Left
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	35 driver's door locked
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	36 driver's door unlocked
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	37 passenger door unlocked
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	38 Impact information connection
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	39 Lock all doors
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	40 Door opening command
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	41 Central locking, double unlocking
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	42 Central door locking/unlocking
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	43 Boot opening relay output
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	44 Windshield washer system switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	45 Intermittent wiper switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	46 Heated rear windshield switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	47 Windscreen wiper relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	48 Rear window defrost relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	49 Heating, windshield
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	50 Heated windscreen relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	51 Intermittent wiper switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	52 Wiper rear, intermittent
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	53 Windscreen wipers switch, rear window washing
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	54 Rear window wiper relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	55 Left front seat belt switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	56 Right front seat belt switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	57 Horn relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	58 Acoustic indicator (buzzer)
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	59 Variable windscreen wiper intermittent
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	60 Light sensor
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	61 Speed signal
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	62 Status of key adaption
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	63 Number of keys
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	64 Auto locking when driving function authorisation
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	65 Auto unlock
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	66 Remote control lock/unlock button
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	1 Ignition 1
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	2 Ignition 2
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	3 Alternator L Terminal
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	4 Key-in switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	5 Starter inhibitor
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	6 Power window relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	7 Taillight switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	8 Automatic lighting button
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	9 Rear Fog Lamp
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	10 Headlamp switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	11 Front fogs switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	12 Taillight relay switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	13 High/Low beam relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	14 Relay, rear fog lamp
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	15 Check lamp, hazard warning lights

Kia	Cee'd	Body Control Module	Body control module	Live Parameters	16 Indication lamp seat belt, driver
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	17 Indication lamp seat belt, passenger
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	18 Interior lamps output
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	19 Ignition key hole illumination(Manual key type)
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	20 Security indicator
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	21 Doors status warning lamp
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	22 Central door lock switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	23 Front fogs relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	24 Driver door
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	25 Passenger door
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	26 Hood switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	27 Rear left door
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	28 Rear right door
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	29 Tailgate
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	30 Trunk Lock Relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	31 Door lock switch, driver side
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	32 Door lock switch, passenger side
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	33 Rear left door lock position switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	34 Rear right door lock position switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	35 Driver door key lock switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	36 Driver door key unlock switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	37 Passenger Door Key, Unlock Switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	38 Crash unlock
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	39 All doors lock relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	40 All doors unlock relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	41 Deadlock
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	42 Central door lock switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	43 Relay Unlock Trunk
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	44 Front Washer Switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	45 Windscreen wipers switch, interval
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	46 Rear Defogger
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	47 Wiper relay on/off
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	48 Defogger Relay (Rear)
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	49 Front deicer switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	50 Rear defroster relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	51 Single wipe
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	52 Rear washer
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	53 Rear wiper
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	54 Rear window wiper relay
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	55 Driver seat belt switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	56 Front passenger seat belt switch
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	57 Relay alarm horn
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	58 Buzzer
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	59 Intermittent wiper volume
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	60 Light sensor
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	61 Speed signal
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	62 Key status
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	63 Number of registered immobilizer key
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	64 Automatic locking of doors when driving away
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	65 Key out
Kia	Cee'd	Body Control Module	Body control module	Live Parameters	66 Burglar alarm
Kia	Cee'd	Body Control Module	Body control module	Tests	1 Lock all doors
Kia	Cee'd	Body Control Module	Body control module	Tests	2 Door opening command
Kia	Cee'd	Body Control Module	Body control module	Tests	3 Driver`s door unlocking
Kia	Cee'd	Body Control Module	Body control module	Tests	4 Power window relay
Kia	Cee'd	Body Control Module	Body control module	Tests	5 Windscreen wiper relay
Kia	Cee'd	Body Control Module	Body control module	Tests	6 Hazard warning flashers
Kia	Cee'd	Body Control Module	Body control module	Tests	7 Horn relay
Kia	Cee'd	Body Control Module	Body control module	Tests	8 Relay immobiliser
Kia	Cee'd	Body Control Module	Body control module	Tests	9 Daytime running light
Kia	Cee'd	Body Control Module	Body control module	Tests	10 Head lamp

Kia	Cee'd	Body Control Module	Body control module	Tests	11 Rear fog light relay
Kia	Cee'd	Body Control Module	Body control module	Tests	12 Rear window defrost relay
Kia	Cee'd	Body Control Module	Body control module	Tests	13 Left front seat belt switch
Kia	Cee'd	Body Control Module	Body control module	Tests	14 Right front seat belt switch
Kia	Cee'd	Body Control Module	Body control module	Tests	15 Security indicator
Kia	Cee'd	Body Control Module	Body control module	Tests	16 Illumination ignition switch
Kia	Cee'd	Body Control Module	Body control module	Tests	17 Acoustic indicator (buzzer)
Kia	Cee'd	Body Control Module	Body control module	Tests	18 Interior lamps output
Kia	Cee'd	Body Control Module	Body control module	Tests	19 Rear seat heating relay
Kia	Cee'd	Body Control Module	Body control module	Tests	20 Front fog lights relay
Kia	Cee'd	Body Control Module	Body control module	Tests	21 Heated windscreen relay
Kia	Cee'd	Body Control Module	Body control module	Tests	22 Open door warning
Kia	Cee'd	Body Control Module	Body control module	Tests	23 Indicator lamp for central locking
Kia	Cee'd	Body Control Module	Body control module	Tests	24 Rear window wiper relay
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	ECU Information	1 Software version
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	ECU Information	2 Calibration of ECU
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	ECU Information	3 Software version number
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	1 Engine speed
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	2 Vehicle speed
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	3 Throttle position
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	4 Gear lever position
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	5 Battery voltage
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	6 Front left wheel speed sensor
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	7 Front right wheel speed sensor
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	8 Rear left wheel speed sensor
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	9 Rear right wheel speed sensor
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	10 ABS warning lamp
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	11 EBD warning lamp
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	12 ESP lamp
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	13 ESP OFF lamp
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	14 ESP button
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	15 Brake light switch
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	16 Pump motor relay
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	17 valve relay
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	18 Motor
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	19 ABS inlet valve front left
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	20 ABS inlet valve front right
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	21 ABS inlet valve rear left
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	22 ABS inlet valve rear right
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	23 ABS outlet valve front left
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	24 ABS outlet valve front right
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	25 ABS outlet valve rear left
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	26 ABS outlet valve rear right
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	27 TCS valve (USV 1)
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	28 TCS valve (USV 2)
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	29 ESP valve (HSV 1)
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	30 ESP valve (HSV 2)
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	31 Steering angle sensor
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	32 Lateral acceleration
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	33 Yaw rate sensor
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	34 Pressure sensor
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	35 Parking brake
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Live Parameters	36 SAS calibrated
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Tests	1 Motor
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Tests	2 ABS inlet valve front left
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Tests	3 ABS inlet valve front right
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Tests	4 ABS inlet valve rear left
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Tests	5 ABS inlet valve rear right
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Tests	6 ABS outlet valve front left
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Tests	7 ABS outlet valve front right
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Tests	8 ABS outlet valve rear left

Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Tests	9 ABS outlet valve rear right
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Tests	10 TCS valve (USV 1)
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Tests	11 TCS valve (USV 2)
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Tests	12 ESP valve (HSV 1)
Kia	Cee'd	Brake System	ABS - Anti-lock braking system	Tests	13 ESP valve (HSV 2)
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	ECU Information	1 Vehicle ID
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	ECU Information	2 System name
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	ECU Information	3 Hardware version
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	ECU Information	4 Software version
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	ECU Information	5 Supplier ECU software version number
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	ECU Information	6 HMC/KMC Part name
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	1 Engine speed
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	2 Vehicle speed
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	3 Throttle position
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	4 Shift lever position
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	5 Battery positive voltage
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	6 Front left wheel speed sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	7 Front right wheel speed sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	8 Rear left wheel speed sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	9 Rear right wheel speed sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	10 ABS warning lamp
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	11 EBD warning lamp
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	12 TCS/ESC Warning lamp (ESP only)
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	13 TCS/ESC OFF Warning lamp (ESP only)
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	14 Status ESP switch
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	15 Brake light switch
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	16 Brake switch
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	17 Motor relay
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	18 valve relay
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	19 DBC/HAC brake lamp relay(DBC/HAC Only)
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	20 ESS Brake lamp relay(ESS Only)
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	21 Motor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	22 Inlet valve front left
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	23 Inlet valve front right
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	24 Inlet valve rear left
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	25 Inlet valve rear right
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	26 Outlet valve front left
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	27 Outlet valve front right
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	28 Outlet valve rear left
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	29 Outlet valve rear right
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	30 TCS valve (USV 1)
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	31 TCS valve (USV 2)
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	32 ESC(ESP) Valve-HSV1
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	33 ESC(ESP) Valve-HSV2
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	34 SAS (steering angle sensor) CAN message
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	35 Status, steering angle sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	36 Steering Angle Sensor Calibrated
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	37 G Sensor (lateral)
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	38 Yaw rate sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	39 Pressure sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	40 Parking brake
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Live Parameters	41 Longitudinal acceleration sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Tests	1 Motor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Tests	2 Inlet valve front left
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Tests	3 Inlet valve front right
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Tests	4 Inlet valve rear left
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Tests	5 Inlet valve rear right
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Tests	6 Outlet valve front left
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Tests	7 Outlet valve front right
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Tests	8 Outlet valve rear left
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Tests	9 Outlet valve rear right

Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Tests	10 TCS Valve Left front
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Tests	11 TCS Valve Right front
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Tests	12 Electric shuttle Valve Right front
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program CAN	Tests	13 Electric shuttle Valve Left front
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	ECU Information	1 Vehicle ID
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	ECU Information	2 System name
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	ECU Information	3 Software version
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	ECU Information	4 ECU Part Number
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	1 Engine speed
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	2 Vehicle speed
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	3 Throttle position
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	4 Shift lever position
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	5 Supply voltage
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	6 Front left wheel speed sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	7 Front right wheel speed sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	8 Rear left wheel speed sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	9 Rear right wheel speed sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	10 ABS warning lamp
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	11 EBD warning lamp
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	12 ESP lamp
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	13 TCS/ESP off lamp
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	14 ESP off switch
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	15 Brake light switch
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	16 Pump motor relay
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	17 valve relay
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	18 Motor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	19 Inlet valve front left
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	20 Inlet valve front right
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	21 Inlet valve rear left
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	22 Inlet valve rear right
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	23 Outlet valve front left
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	24 Outlet valve front right
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	25 Outlet valve rear left
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	26 Outlet valve rear right
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	27 TCS valve (USV 1)
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	28 TCS valve (USV 2)
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	29 ESC(ESP) Valve-HSV1
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	30 ESC(ESP) Valve-HSV2
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	31 Steering angle sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	32 Yaw rate and lateral acceleration sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	33 Yaw rate sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	34 Pressure sensor
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	35 Parking brake
Kia	Cee'd	Brake System	ABS/ESP - electronic stability program KWP	Live Parameters	36 SAS calibrated
Kia	Cee'd	Climate Control	Climate control	ECU Information	1 Vehicle information
Kia	Cee'd	Climate Control	Climate control	ECU Information	2 Part number
Kia	Cee'd	Climate Control	Climate control	ECU Information	3 System name
Kia	Cee'd	Climate Control	Climate control	ECU Information	4 Software version
Kia	Cee'd	Climate Control	Climate control	Live Parameters	1 Water temperature
Kia	Cee'd	Climate Control	Climate control	Live Parameters	2 Interior temperature sensor
Kia	Cee'd	Climate Control	Climate control	Live Parameters	3 Ambient temperature
Kia	Cee'd	Climate Control	Climate control	Live Parameters	4 EVAP sensor
Kia	Cee'd	Climate Control	Climate control	Live Parameters	5 Light sensor
Kia	Cee'd	Climate Control	Climate control	Live Parameters	6 Distribution flap position
Kia	Cee'd	Climate Control	Climate control	Live Parameters	7 Direct potentiometer
Kia	Cee'd	Climate Control	Climate control	Live Parameters	8 Air outlet damper position
Kia	Cee'd	Climate Control	Climate control	Live Parameters	9 Air outlet damper position, defroster
Kia	Cee'd	Climate Control	Climate control	Live Parameters	1 Interior temperature sensor
Kia	Cee'd	Climate Control	Climate control	Live Parameters	2 Ambient temperature
Kia	Cee'd	Climate Control	Climate control	Live Parameters	3 Sensor, evaporator
Kia	Cee'd	Climate Control	Climate control	Live Parameters	4 Light sensor

Kia	Cee'd	Climate Control	Climate control	Live Parameters	5 Air mix door potentiometer-driver
Kia	Cee'd	Climate Control	Climate control	Live Parameters	6 Direction potentiometer-Driver
Kia	Cee'd	Climate Control	Climate control	Live Parameters	7 Passanger photo sensor
Kia	Cee'd	Climate Control	Climate control	Live Parameters	8 Air mix door potentiometer-driver
Kia	Cee'd	Climate Control	Climate control	Live Parameters	9 Air intake potentiometer
Kia	Cee'd	Climate Control	Climate control	Live Parameters	10 Engine coolant temperature sensor
Kia	Cee'd	Climate Control	Climate control	Live Parameters	11 Speed Sensor
Kia	Cee'd	Climate Control	Climate control	Tests	1 A/C compressor drive: On
Kia	Cee'd	Climate Control	Climate control	Tests	2 A/C compressor drive: Off
Kia	Cee'd	Climate Control	Climate control	Tests	3 Blower fan
Kia	Cee'd	Climate Control	Climate control	Tests	4 Driver air mix door-drive 0%
Kia	Cee'd	Climate Control	Climate control	Tests	5 Driver air mix door-drive 50%
Kia	Cee'd	Climate Control	Climate control	Tests	6 Driver air mix door-drive 100%
Kia	Cee'd	Climate Control	Climate control	Tests	7 Driver's mixing flap position, 0%
Kia	Cee'd	Climate Control	Climate control	Tests	8 Driver's mixing flap position, 50%
Kia	Cee'd	Climate Control	Climate control	Tests	9 Driver's mixing flap position, 100%
Kia	Cee'd	Climate Control	Climate control	Tests	10 Driver air outlet, face
Kia	Cee'd	Climate Control	Climate control	Tests	11 Driver air outlet, floor
Kia	Cee'd	Climate Control	Climate control	Tests	12 Driver air outlet, defroster
Kia	Cee'd	Climate Control	Climate control	Tests	13 Intake door-Fresh
Kia	Cee'd	Climate Control	Climate control	Tests	14 Intake door-Recirc
Kia	Cee'd	Climate Control	Climate control	Tests	15 PTC heater
Kia	Cee'd	Climate Control	Climate control	Tests	16 Driver mode door-vent -0% (air condition)
Kia	Cee'd	Climate Control	Climate control	Tests	17 Driver mode door-vent -50% (air condition)
Kia	Cee'd	Climate Control	Climate control	Tests	18 Driver mode door-vent -100% (air condition)
Kia	Cee'd	Climate Control	Climate control	Tests	19 Floor Flap Motor 0%
Kia	Cee'd	Climate Control	Climate control	Tests	20 Floor Flap Motor 50%
Kia	Cee'd	Climate Control	Climate control	Tests	21 Floor Flap Motor 100%
Kia	Cee'd	Climate Control	Climate control	Tests	22 Defroster damper to 0 %
Kia	Cee'd	Climate Control	Climate control	Tests	23 Defroster damper to 50%
Kia	Cee'd	Climate Control	Climate control	Tests	24 Defroster damper to 100 %
Kia	Cee'd	Climate Control	Climate control	Tests	1 Air conditioning compressor
Kia	Cee'd	Climate Control	Climate control	Tests	2 AC compressor clutch off
Kia	Cee'd	Climate Control	Climate control	Tests	3 Blower fan motor off command
Kia	Cee'd	Climate Control	Climate control	Tests	4 Blower fan motor-drive low
Kia	Cee'd	Climate Control	Climate control	Tests	5 Blower fan motor-drive medium
Kia	Cee'd	Climate Control	Climate control	Tests	6 Blower fan motor-drive high
Kia	Cee'd	Climate Control	Climate control	Tests	7 Driver air mix door-drive 0%
Kia	Cee'd	Climate Control	Climate control	Tests	8 Driver air mix door-drive 50%
Kia	Cee'd	Climate Control	Climate control	Tests	9 Driver air mix door-drive 100%
Kia	Cee'd	Climate Control	Climate control	Tests	10 Passenger air mix door-drive 0%
Kia	Cee'd	Climate Control	Climate control	Tests	11 Passenger air mix door-drive 50%
Kia	Cee'd	Climate Control	Climate control	Tests	12 Passenger air mix door-drive 100%
Kia	Cee'd	Climate Control	Climate control	Tests	13 Driver mode door-vent
Kia	Cee'd	Climate Control	Climate control	Tests	14 Driver mode door-floor
Kia	Cee'd	Climate Control	Climate control	Tests	15 Driver mode door-def
Kia	Cee'd	Climate Control	Climate control	Tests	16 Fresh air
Kia	Cee'd	Climate Control	Climate control	Tests	17 air circulation
Kia	Cee'd	Climate Control	Climate control	Tests	18 PTC heater drive request: On
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	ECU Information	1 Calibration number
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	ECU Information	2 Hardware number
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	ECU Information	3 ROM (Read only memory)
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	1 Ignition lock
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	2 Battery voltage
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	3 Fuel quantity
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	4 Fuel pressure measured
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	5 Fuel pressure measured
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	6 Rail pressure regulator
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	7 Fuel temperature
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	8 Air mass flow
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	9 Air temperature sensor

Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	10 EGR actuator
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	11 Atmospheric pressure
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	12 Water temperature sensor
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	13 Clutch switch MT
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	14 Neutral position switch MT
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	15 Redundant brake pedal
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	16 Brake switch
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	17 Accelerator pedal
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	18 Accelerator pedal (sensor 1)
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	19 Accelerator pedal (sensor 2)
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	20 Control of AC compressor
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	21 Blower switch
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	22 Fan Speed Low
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	23 Fan Speed High
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	24 Glowplug relay
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	25 Electric auxiliary heater
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	26 Fuel pump relay
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	27 Boost pressure sensor
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	28 VGT valve actuator
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	29 Check engine lamp
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	30 Vehicle speed
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	31 Immobilizer lamp
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	32 Injection pump regulator
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	33 A/C pressure sensor
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	34 Throttle actuator
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	35 O2s subtract voltage
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	36 Oxygen sensor
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	37 Lambda sensor temperature monitoring
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	38 O2 sensor heater duty
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	39 O2s state of adaption
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	40 Exhaust gas flow
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	41 Differential Pressure
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	42 Exhaust gas temp pre variable geometry turbocharger (VGT)
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	43 Exhaust gas temp pre catalytic particle filter(CPF)
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	44 Particle filter pressure
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	45 Regeneration status
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	46 Mass Air Flow Per Cylinder
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	47 Status of signal app/brk
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	48 Boost pressure
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	49 Vehicle acceleration
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	50 Calculated load
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	51 Gear information
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	52 Immobilisation/Alarm system
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	53 A/C compressor relay status
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	54 Engine torque multiplexed, Actual torque
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	55 Engine torque multiplexed, Expected torque
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	56 AT/MT (Gearbox) information
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	57 Fuel temperature
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	58 Air temperature
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	59 Glow time lamp
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	60 Engine speed sensors
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Live Parameters	61 V/swirl actuator (U/D/S)
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Tests	1 VGT valve actuator
Kia	Cee'd	Engine Diesel	D4EA-F 2,0 CRDI	Tests	2 Throttle position
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	1 Lambda sensor change
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	2 Rail pressure sensor change
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	3 Air flow change
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	4 Catalytic particle filter (CPF) change
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	5 Reset pressure sensor diesel partical filter
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	6 Swirl control valve change
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	7 Injector programming

Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	1 Lambda sensor change
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	2 Rail pressure sensor change
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	3 Air flow change
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	4 Catalytic particle filter (CPF) change
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	5 Reset pressure sensor diesel partical filter
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	6 Swirl control valve change
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	7 Injector programming
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Adaptations	8 Particle filter regeneration
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	ECU Information	1 Calibration number
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	ECU Information	2 Hardware
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	ECU Information	3 ECU identification
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	ECU Information	1 ECU hardware number
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	ECU Information	2 ECU software number
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	1 Ignition lock
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	2 Battery voltage
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	3 Fuel quantity
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	4 Fuel pressure measured
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	5 Target fuel pressure
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	6 Rail pressure regulator
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	7 Fuel temperature
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	8 Air mass flow
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	9 Air inlet temperature sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	10 EGR valve
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	11 Atmospheric pressure sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	12 Coolant temperature sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	13 Clutch pedal switch
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	14 Neutral or first gear
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	15 Redundant brake pedal
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	16 Control of AC compressor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	17 Brake pedal switch
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	18 Blower switch
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	19 Accelerator pedal position 1
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	20 Accelerator pedal position 2
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	21 Accelerator pedal position sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	22 Fan Speed Low
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	23 Fan Speed High
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	24 Glowplug relay
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	25 VGT valve
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	26 Auxiliary heater
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	27 Boost pressure sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	28 CHECK-ENGINE-lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	29 Vehicle speed information
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	30 Immobilizer lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	31 Injection pump regulator
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	32 A/C pressure sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	33 Throttle actuator
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	34 O2s subtract voltage
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	35 Lambda sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	36 Lambda sensor temperature monitoring
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	37 O2 sensor heater duty
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	38 O2s state of adaption
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	39 Status of signal app/brk
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	40 Theoretical engine charge
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	41 Boost pressure sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	42 Mass air flow per cylinder
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	43 Vehicle acceleration
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	44 AT/MT (Gearbox) information
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	45 Engine torque, actual value
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	46 Engine torque, target value
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	47 Current frictional torque
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	48 Immobilisation/Alarm system

Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	49 AC compressor relay
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	50 AT/MT (Gearbox) information
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	51 Engine torque multiplexed, Actual torque
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	52 Engine torque multiplexed, Expected torque
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	53 Air inlet temperature sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	54 Fuel temp sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	55 Glow time lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	56 Engine speed
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	57 V/swirl actuator (U/D/S)
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	1 Battery voltage
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	2 Cooling fan low speed
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	3 Boost pressure sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	4 Air mass flow
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	5 Accelerator pedal position sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	6 fuel pressure
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	7 Air mass meter
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	8 EGR actuator
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	9 Barometric pressure sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	10 IAT - Intake air temperature
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	11 Water temperature
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	12 Clutch pedal switch
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	13 Control of AC compressor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	14 Gearbox neutral status
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	15 Brake switch 2
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	16 Brake switch 1
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	17 A/C low pressure cycling switch
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	18 Blower switch
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	19 Ignition lock
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	20 Accelerator Pedal Position sensor 1
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	21 Accelerator Pedal Position Sensor 2
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	22 Glow plug relay
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	23 Fuel quantity
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	24 Vehicle speed
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	25 Cooling fan high speed
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	26 VGT valve actuator
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	27 Fuel temperature sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	28 After run
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	29 PTC heater relay
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	30 Immobilizer status lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	31 Engine speed
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	32 MIL warning lamp lit
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	33 Output of fuel metering unit (mprop)
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	34 Air conditioner pressure signal
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	35 A/C pressure sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	36 Variable swirl control actuator
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	37 Exhaust temperature Sensor 2
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	38 Differential pressure sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	39 Throttle actuator
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	40 Lambda sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	41 Adaption current state
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	42 Oil level
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	43 Engine oil level (Filtering value)
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	44 Oil temperature sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	45 Mean value oil level
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	46 Oil Level Status
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	47 Diesel particulate filter differential pressure
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	48 Exhaust gas temperature
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	49 Exhaust gas temperature (pre DPF) range
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	50 Pressure pre particulate filter
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	51 Calculated engine load
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	52 Boost pressure sensor

Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	53 Air mass flow
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	54 Rail pressure linearised
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	55 Mass air flow per cylinder
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	56 Current injection quantity
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	57 Exhaust Gas Recirculation controller
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	58 Variable Swirl Actuator Duty Cycle
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	59 Status 'Check engine lamp'
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	60 Malfunction indicator lamp (MIL)
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	61 Actual engine temperature
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	62 Vehicle acceleration
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	63 Current injection quantity
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	64 Cruise control status
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	65 Brake status
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	66 MSR
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	67 Status ABS
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	68 Torque reduction request
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	69 Torque reduction request
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	70 Average engine speed
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	71 Ratio of throttle valve
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	72 Glow control relay status
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	73 Intake air temperature (raw value)
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	74 Desired injection quantity of Pil1
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	75 Desired injection quantity of Pil2
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	76 Desired injection quantity of Pil3
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	77 Desired injection quantity of Pol1
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	78 Desired injection quantity of Pol2
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	79 Desired injection quantity of Pol2
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	80 Current injection quantity
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	81 Rail pressure (raw value)
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	82 Distance driven with MIL on (km)
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	83 Main relay error counter
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	84 Running time with Malfunction Indicator Lamp (MIL) ON
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	85 VSA position
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	86 Variable Swirl Actuator Duty Cycle
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	87 VSA Valve first learnt value
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	88 VSA valve last learnt value
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	89 DPF (Diesel Particulate Filter) Differential Pressure
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	90 ISG system built-in
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	91 ISG status(ISG)
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	92 AMS stop reason - blower max switch
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	93 Gear is in neutral position(manual transmission only)
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	94 Starter condition
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	95 Starter Request Circuit
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	96 Clutch is pushed more than 10%
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	97 Idle stop request by drivers demand
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	98 Drivers seatbelt
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	99 Driver's door
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	100 Hood switch
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	101 Battery current value
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	102 Battery voltage
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	103 Battery temperature
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	104 State of Charge
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	105 Battery status
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	106 Battery current value
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	107 Brake booster pressure sensor
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	108 Brake booster pressure sensor volt
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	109 No idle stop by fuel system
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	110 No idle stop by torque system
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	111 No idle stop by exhaust system
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	112 No idle stop by vehicle speed condition
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	113 No idle stop by ISG component error

Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	114 No idle stop by operation data
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	115 No idle stop by air conditioning system
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	116 No idle stop by invalid battery sensor data
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	117 No idle stop by engine temperature
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	118 No idle stop by safety driver door seat belt hood switch
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	119 No idle stop by regeneration
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	120 No idle stop by time since the engine start to low
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	121 No idle stop by ISG inhibit switch
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Live Parameters	122 No idle stop by high engine speed
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	1 AC compressor relay
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	2 Check engine lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	3 Relay, preheater
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	4 Fan Speed High
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	5 Fan Speed Low
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	6 Cruise control lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	7 Cruise control set lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	8 Glow plug lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	9 Glowplug relay
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	10 Immobilizer lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	11 VGT valve
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	12 EGR valve
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	13 Variable swirl control actuator
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	14 Rail pressure regulator
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	15 Lambda sensor heater
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	16 Throttle control valve
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	17 Pressure regulation valve (MPROP)
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	1 A/C compressor relay status
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	2 Malfunction indicator lamp (MIL)
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	3 PTC heater relay
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	4 Blower fan motor-drive high
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	5 Cruise control lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	6 Cruise control set lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	7 Glow time lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	8 Glowplug relay
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	9 Immobilizer lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	10 Boost pressure actuator 5%
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	11 Boost pressure actuator 95%
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	12 EGR valve 5%
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	13 EGR valve 95%
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	14 Throttle valve actuator 5%
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	15 Throttle valve actuator 95%
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	16 Variable swirl control actuator 5%
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	17 Variable swirl control actuator 95%
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	18 Blower fan motor-drive low
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	19 ISG inhibit lamp
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	20 ISG test
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	21 Throttle unit 5%
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	22 Throttle unit 95%
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	23 EGR cooling by pass 5%
Kia	Cee'd	Engine Diesel	D4FB-L 1,6 CRDI	Tests	24 EGR cooling by pass 95%
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Adaptations	1 Erase adaptive engine parameters
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	ECU Information	1 SW boot version
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	ECU Information	2 ROM (Read only memory)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	ECU Information	3 Calibration number
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	ECU Information	4 Supplier, software version
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	ECU Information	1 SW boot version
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	ECU Information	2 ROM (Read only memory)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	ECU Information	3 Calibration number
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	ECU Information	4 Supplier, software version
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	ECU Information	1 Software version, boot loader
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	ECU Information	2 ECU software number

Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	ECU Information	3 Calibration Identification
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	ECU Information	4 System identification
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	1 Selector switch
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	2 Climate control ON
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	3 AC button
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	4 CHECK-ENGINE-lamp
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	5 Control of AC compressor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	6 Fan Speed Low
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	7 Fan Speed High
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	8 Ignition lock
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	9 Idle status
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	10 Full throttle switch
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	11 Fuel shutoff valve
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	12 Starter motor signal
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	13 Fuel pump status
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	14 Multiport fuel injection(MFI) control relay
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	15 Crankshaft position sensor, synchronizing
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	16 Air fuel closed loop
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	17 Knocking
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	18 Engine running
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	19 Continuous variable valve timing (CVVT) status
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	20 Lambda regulation, bank 1 sensor 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	21 Lambda regulation, bank 1 sensor 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	22 Status 'Purge control'
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	23 Purge valve drive
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	24 Idle control valve
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	25 MAP sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	26 MAP sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	27 Engine load
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	28 Throttle position sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	29 Throttle position sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	30 Throttle adaptation
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	31 Battery voltage
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	32 Battery charge
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	33 Coolant temperature
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	34 IAT - Intake air temperature
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	35 Purge control valve
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	36 Injection duration cylinder 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	37 Injection duration cylinder 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	38 Injection duration cylinder 3
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	39 Injection duration cylinder 4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	40 Engine torque, actual value
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	41 Transmission Control Unit TCU torque demand
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	42 Lambda probe 1, bank 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	43 Lambda probe 1, bank 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	44 Target idle speed
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	45 Idle actuator, duty cycle
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	46 Engine speed
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	47 Engine oil temperatur sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	48 Calculated oil temperature
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	49 Reduction ignition timing, cyl 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	50 Reduction ignition timing, cyl 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	51 Reduction ignition timing, cyl 3
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	52 Reduction ignition timing, cyl 4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	53 Road speed sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	54 Short term fuel trim
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	55 Long term fuel trim at idle
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	56 Long term fuel part load
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	57 Knock ignition angle of cylinder 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	58 Knock ignition angle of cylinder 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	59 Knock ignition angle of cylinder 3

Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	60 Knock ignition angle of cylinder 4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	61 Distance driven with MIL on (km)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	62 Camshaft adjustment 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	63 Camshaft adjustment 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	64 Camshaft control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	65 Camshaft position sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	66 Camshaft setting, reference value
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	1 Selector switch
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	2 Climate control ON
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	3 AC button
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	4 CHECK-ENGINE-lamp
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	5 Control of AC compressor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	6 Fan Speed Low
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	7 Fan Speed High
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	8 Ignition lock
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	9 Idle status
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	10 Full throttle switch
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	11 Fuel shutoff valve
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	12 Starter motor signal
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	13 Fuel pump status
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	14 Multiport fuel injection(MFI) control relay
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	15 Crankshaft position sensor, synchronizing
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	16 Air fuel closed loop
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	17 Knocking
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	18 Engine running
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	19 Continuous variable valve timing (CVVT) status
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	20 Lambda regulation, bank 1 sensor 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	21 Lambda regulation, bank 1 sensor 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	22 Status 'Purge control'
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	23 Purge valve drive
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	24 Idle control valve
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	25 MAP sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	26 MAP sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	27 Engine load
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	28 Throttle position sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	29 Throttle position sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	30 Throttle adaptation
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	31 Battery voltage
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	32 Battery charge
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	33 Coolant temperature
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	34 IAT - Intake air temperature
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	35 Purge control valve
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	36 Injection duration cylinder 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	37 Injection duration cylinder 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	38 Injection duration cylinder 3
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	39 Injection duration cylinder 4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	40 Engine torque, actual value
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	41 Transmission Control Unit TCU torque demand
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	42 Lambda probe 1, bank 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	43 Lambda probe 1, bank 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	44 Target idle speed
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	45 Idle actuator, duty cycle
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	46 Engine speed
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	47 Engine oil temperatur sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	48 Calculated oil temperature
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	49 Reduction ignition timing, cyl 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	50 Reduction ignition timing, cyl 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	51 Reduction ignition timing, cyl 3
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	52 Reduction ignition timing, cyl 4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	53 Road speed sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	54 Short term fuel trim

Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	55 Long term fuel trim at idle
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	56 Long term fuel part load
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	57 Knock ignition angle of cylinder 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	58 Knock ignition angle of cylinder 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	59 Knock ignition angle of cylinder 3
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	60 Knock ignition angle of cylinder 4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	61 Distance driven with MIL on (km)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	62 Camshaft adjustment 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	63 Camshaft adjustment 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	64 Camshaft control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	65 Camshaft position sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	66 Camshaft setting, reference value
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	1 Immobilizer built-in
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	2 SMARTRA2 built-in
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	3 SMARTRA3 built-in
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	4 MAP sensor built-in
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	5 MAF sensor built-in
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	6 A/C pressure sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	7 Linear O2 sensor built-in
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	8 Battery sensor built-in
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	9 Leak test type - under pressure system
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	10 Malfunction indicator lamp (MIL)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	11 Ignition switch
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	12 Fuel pump
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	13 Fuel Cut Condition
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	14 Dash pot
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	15 Variant coding
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	16 Clutch pedal switch
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	17 Driving state - D,R(A/T Only)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	18 Shift lever position sensor AT
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	19 Lock-up clutch monitoring
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	20 Brake pedal switch
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	21 Brake lamp switch active
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	22 Engine part load
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	23 Starter condition
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	24 Synchronization succeeded
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	25 Idle condition
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	26 ETC learning is finished successfully
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	27 Operating state AC
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	28 A/C request to ECU (A/C switch)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	29 A/C compressor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	30 Fan Speed High
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	31 Fan Speed Low
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	32 Non-AMS system built in
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	33 Sensorless AMS system built in
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	34 AMS system built in
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	35 Knocking
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	36 knock control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	37 Knock control, adjustment
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	38 Condition canister purge active
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	39 Condition canister purge phase ON
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	40 Canister shut-off valve closed
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	41 Resetting valve, variable camshaft
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	42 Camshaft control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	43 Intake Camshaft Control Circuit Bank 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	44 Lambda closed loop control active - upstream bank1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	45 Lambda control active
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	46 Lambda sensor heating upstream
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	47 Lambda sensor heating downstream
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	48 Power Steering Pressure Sensor/Switch Circuit
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	49 Ignition circuit monitoring

Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	50 Cruise control lamp
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	51 Cruise control set lamp
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	52 Cruise control; cancel switch
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	53 Cruise control switch, resume
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	54 ISG system built-in
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	55 Blower switch
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	56 Gear is in neutral position(manual transmission only)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	57 Clutch is pushed more than 10%
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	58 Battery charge warning light
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	59 Flag status of battery health(aging) (AMS)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	60 Battery: startability limit reached
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	61 Power management, quiescent current fault
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	62 Invalid condition of battery sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	63 Battery sensor fault
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	64 EGR built-in
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	65 Battery voltage
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	66 Battery voltage after IG key
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	67 Engine speed
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	68 Target idle speed
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	69 Manifold absolute pressure
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	70 Intake Manifold Pressure
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	71 Throttle valve position sensor 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	72 Throttle opening
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	73 Water temperature
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	74 Water temperature
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	75 Intake air temperature sensor; voltage supply
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	76 IAT - Intake air temperature
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	77 Engine oil temperature
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	78 O2 sensor linear type bank1 upstream(option)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	79 O2 sensor binary type bank1 downstream(option)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	80 Vehicle speed
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	81 Boost pressure, actual value
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	82 Purge control valve
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	83 Ignition output stage cylinder 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	84 Ignition output stage cylinder 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	85 Ignition output stage cylinder 3
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	86 Ignition output stage cylinder 4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	87 Adaption air mass meter
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	88 Air conditioning pressure
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	89 A/C pressure
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	90 Engine coolant temperature at engine start.
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	91 Engine coolant temperature sensor (Model)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	92 Altitude adaptation
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	93 Atmospheric pressure
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	94 Injection time
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	95 Throttle position sensor
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	96 Throttle position sensor 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	97 Throttle position sensor 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	98 Electronic Throttle Control (ETC) directional duty cycle
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	99 Accelerator pedal position sensor voltage
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	100 Accelerator pedal position
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	101 Engaged gear AT
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	102 Engine torque, actual value
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	103 Target engine torque
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	104 Transmission Control Unit TCU torque demand
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	105 Adapted throttle angle for idle (S1)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	106 Fuel adaption
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	107 Fuel adaption
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	108 Relative fuel part of purge control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	109 Lambda control adaptation fuel (bank 1)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	110 Correction value from downstream o2 sensor - bank1

Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	111 Filtered cycle duration O2 sensor signal up. Catalyst
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	112 Off-duration for sensor heating upstream catalyst
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	113 Off-duration for sensor heating downstream catalyst
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	114 Cyl.1 ignition retard due to knock control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	115 Cyl.2 ignition retard due to knock control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	116 Cyl.3 ignition retard due to knock control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	117 Cyl.4 ignition retard due to knock control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	118 Knock control cylinder 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	119 Knock control cylinder 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	120 Knock control cylinder 3
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	121 Knock control cylinder 4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	122 Intake camshaft desired position-Bank1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	123 Intake camshaft actual position-Bank1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	124 IN-cam phaser 1 duty cycle
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	125 Cylinder 1 Current Misfire Counter
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	126 Cylinder 2 Current Misfire Counter
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	127 Cylinder 3 Current Misfire Counter
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	128 Cylinder 4 Current Misfire Counter
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	129 Total counter of emission relevant misfiring of cylinder#1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	130 Total counter of emission relevant misfiring of cylinder#2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	131 Total counter of emission relevant misfiring of cylinder#3
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	132 Total counter of emission relevant misfiring of cylinder#4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	133 Total counter of catalyst damaging misfiring of cylinder#1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	134 Total counter of catalyst damaging misfiring of cylinder#2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	135 Total counter of catalyst damaging misfiring of cylinder#3
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	136 Total counter of catalyst damaging misfiring of cylinder#4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	137 Total counter of emission relevant misfiring of all cylinders
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Live Parameters	138 Total counter of catalyst damaging misfiring of all cylinders
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	1 Injector cylinder 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	2 Injector cylinder 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	3 Injector cylinder 3
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	4 Injector cylinder 4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	5 Immobilizer lamp
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	6 Malfunction indicator lamp (MIL)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	7 Fuel pump relay
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	8 AC compressor relay
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	9 Fan unit high speed relay control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	10 Fan unit slow speed relay control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	11 carbon filter solenoid valve
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	12 Idle speed regulator
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	13 Oil pressure regulation solenoid valve
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	1 Injector cylinder 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	2 Injector cylinder 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	3 Injector cylinder 3
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	4 Injector cylinder 4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	5 Immobilizer lamp
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	6 Malfunction indicator lamp (MIL)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	7 Fuel pump relay
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	8 AC compressor relay
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	9 Fan unit high speed relay control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	10 Fan unit slow speed relay control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	11 carbon filter solenoid valve
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	12 Idle speed regulator
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	13 Oil pressure regulation solenoid valve
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	1 Check engine lamp
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	2 Immobilizer lamp
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	3 Cruise control lamp
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	4 A/C compressor relay status
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	5 Fuel pump relay
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	6 Fuel pump control
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	7 Blower fan motor-drive low

Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	8 Blower fan motor-drive high
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	9 Fuel open loop
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	10 carbon filter solenoid valve
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	11 Throttle position circuit
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	12 Ignition coil 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	13 Ignition coil 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	14 Ignition coil 3
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	15 Ignition coil 4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	16 Injector Disable-Cylinder 1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	17 Injector Disable-Cylinder 2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	18 Injector Disable-Cylinder 3
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	19 Injector Disable-Cylinder 4
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	20 CVVT Intake
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	21 Oil control valve (bank1 intake)
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	22 Additive correction for O2 sensor heaters B1S1
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	23 Additive correction for O2 sensor heaters B1S2
Kia	Cee'd	Engine Petrol	G4FA 1,4 Gamma	Tests	24 Addictive correction for all O2 sensor heaters
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Adaptations	1 Erase adaptive engine parameters
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	ECU Information	1 SW boot version
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	ECU Information	2 ROM (Read only memory)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	ECU Information	3 Calibration number
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	ECU Information	4 Supplier, software version
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	ECU Information	1 SW boot version
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	ECU Information	2 ROM (Read only memory)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	ECU Information	3 Calibration number
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	ECU Information	4 Supplier, software version
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	ECU Information	1 Software version, boot loader
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	ECU Information	2 ECU software number
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	ECU Information	3 Calibration Identification
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	ECU Information	4 System identification
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	1 Selector switch
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	2 Climate control ON
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	3 AC button
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	4 CHECK-ENGINE-lamp
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	5 Control of AC compressor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	6 Fan Speed Low
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	7 Fan Speed High
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	8 Ignition lock
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	9 Idle status
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	10 Full throttle switch
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	11 Fuel shutoff valve
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	12 Starter motor signal
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	13 Fuel pump status
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	14 Multiport fuel injection(MFI) control relay
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	15 Crankshaft position sensor, synchronizing
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	16 Air fuel closed loop
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	17 Knocking
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	18 Engine running
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	19 Continuous variable valve timing (CVVT) status
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	20 Lambda regulation, bank 1 sensor 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	21 Lambda regulation, bank 1 sensor 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	22 Status 'Purge control'
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	23 Purge valve drive
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	24 Idle control valve
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	25 MAP sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	26 MAP sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	27 Engine load
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	28 Throttle position sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	29 Throttle position sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	30 Throttle adaptation
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	31 Battery voltage

Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	32 Battery charge
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	33 Coolant temperature
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	34 IAT - Intake air temperature
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	35 Purge control valve
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	36 Injection duration cylinder 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	37 Injection duration cylinder 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	38 Injection duration cylinder 3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	39 Injection duration cylinder 4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	40 Engine torque, actual value
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	41 Transmission Control Unit TCU torque demand
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	42 Lambda probe 1, bank 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	43 Lambda probe 1, bank 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	44 Target idle speed
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	45 Idle actuator, duty cycle
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	46 Engine speed
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	47 Engine oil temperatur sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	48 Calculated oil temperature
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	49 Reduction ignition timing, cyl 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	50 Reduction ignition timing, cyl 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	51 Reduction ignition timing, cyl 3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	52 Reduction ignition timing, cyl 4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	53 Road speed sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	54 Short term fuel trim
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	55 Long term fuel trim at idle
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	56 Long term fuel part load
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	57 Knock ignition angle of cylinder 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	58 Knock ignition angle of cylinder 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	59 Knock ignition angle of cylinder 3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	60 Knock ignition angle of cylinder 4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	61 Distance driven with MIL on (km)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	62 Camshaft adjustment 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	63 Camshaft adjustment 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	64 Camshaft control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	65 Camshaft position sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	66 Camshaft setting, reference value
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	1 Selector switch
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	2 Climate control ON
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	3 AC button
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	4 CHECK-ENGINE-lamp
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	5 Control of AC compressor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	6 Fan Speed Low
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	7 Fan Speed High
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	8 Ignition lock
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	9 Idle status
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	10 Full throttle switch
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	11 Fuel shutoff valve
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	12 Starter motor signal
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	13 Fuel pump status
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	14 Multiport fuel injection(MFI) control relay
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	15 Crankshaft position sensor, synchronizing
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	16 Air fuel closed loop
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	17 Knocking
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	18 Engine running
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	19 Continuous variable valve timing (CVVT) status
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	20 Lambda regulation, bank 1 sensor 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	21 Lambda regulation, bank 1 sensor 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	22 Status 'Purge control'
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	23 Purge valve drive
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	24 Idle control valve
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	25 MAP sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	26 MAP sensor

Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	27 Engine load
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	28 Throttle position sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	29 Throttle position sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	30 Throttle adaptation
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	31 Battery voltage
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	32 Battery charge
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	33 Coolant temperature
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	34 IAT - Intake air temperature
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	35 Purge control valve
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	36 Injection duration cylinder 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	37 Injection duration cylinder 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	38 Injection duration cylinder 3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	39 Injection duration cylinder 4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	40 Engine torque, actual value
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	41 Transmission Control Unit TCU torque demand
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	42 Lambda probe 1, bank 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	43 Lambda probe 1, bank 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	44 Target idle speed
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	45 Idle actuator, duty cycle
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	46 Engine speed
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	47 Engine oil temperatur sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	48 Calculated oil temperature
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	49 Reduction ignition timing, cyl 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	50 Reduction ignition timing, cyl 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	51 Reduction ignition timing, cyl 3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	52 Reduction ignition timing, cyl 4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	53 Road speed sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	54 Short term fuel trim
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	55 Long term fuel trim at idle
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	56 Long term fuel part load
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	57 Knock ignition angle of cylinder 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	58 Knock ignition angle of cylinder 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	59 Knock ignition angle of cylinder 3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	60 Knock ignition angle of cylinder 4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	61 Distance driven with MIL on (km)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	62 Camshaft adjustment 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	63 Camshaft adjustment 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	64 Camshaft control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	65 Camshaft position sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	66 Camshaft setting, reference value
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	1 Immobilizer built-in
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	2 SMARTRA2 built-in
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	3 SMARTRA3 built-in
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	4 MAP sensor built-in
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	5 MAF sensor built-in
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	6 A/C pressure sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	7 Linear O2 sensor built-in
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	8 Battery sensor built-in
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	9 Leak test type - under pressure system
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	10 Malfunction indicator lamp (MIL)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	11 Ignition switch
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	12 Fuel pump
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	13 Fuel Cut Condition
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	14 Dash pot
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	15 Variant coding
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	16 Clutch pedal switch
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	17 Driving state - D,R(A/T Only)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	18 Shift lever position sensor AT
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	19 Lock-up clutch monitoring
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	20 Brake pedal switch
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	21 Brake lamp switch active

Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	22 Engine part load
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	23 Starter condition
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	24 Synchronization succeeded
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	25 Idle condition
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	26 ETC learning is finished successfully
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	27 Operating state AC
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	28 A/C request to ECU (A/C switch)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	29 A/C compressor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	30 Fan Speed High
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	31 Fan Speed Low
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	32 Non-AMS system built in
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	33 Sensorless AMS system built in
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	34 AMS system built in
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	35 Knocking
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	36 knock control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	37 Knock control, adjustment
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	38 Condition canister purge active
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	39 Condition canister purge phase ON
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	40 Canister shut-off valve closed
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	41 Resetting valve, variable camshaft
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	42 Camshaft control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	43 Intake Camshaft Control Circuit Bank 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	44 Lambda closed loop control active - upstream bank1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	45 Lambda control active
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	46 Lambda sensor heating upstream
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	47 Lambda sensor heating downstream
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	48 Power Steering Pressure Sensor/Switch Circuit
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	49 Ignition circuit monitoring
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	50 Cruise control lamp
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	51 Cruise control set lamp
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	52 Cruise control; cancel switch
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	53 Cruise control switch, resume
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	54 ISG system built-in
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	55 Blower switch
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	56 Gear is in neutral position(manual transmission only)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	57 Clutch is pushed more than 10%
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	58 Battery charge warning light
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	59 Flag status of battery health(aging) (AMS)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	60 Battery: startability limit reached
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	61 Power management, quiescent current fault
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	62 Invalid condition of battery sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	63 Battery sensor fault
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	64 EGR built-in
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	65 Battery voltage
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	66 Battery voltage after IG key
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	67 Engine speed
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	68 Target idle speed
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	69 Manifold absolute pressure
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	70 Intake Manifold Pressure
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	71 Throttle valve position sensor 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	72 Throttle opening
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	73 Water temperature
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	74 Water temperature
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	75 Intake air temperature sensor; voltage supply
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	76 IAT - Intake air temperature
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	77 Engine oil temperature
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	78 O2 sensor linear type bank1 upstream(option)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	79 O2 sensor binary type bank1 downstream(option)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	80 Vehicle speed
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	81 Boost pressure, actual value
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	82 Purge control valve

Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	83 Ignition output stage cylinder 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	84 Ignition output stage cylinder 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	85 Ignition output stage cylinder 3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	86 Ignition output stage cylinder 4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	87 Adaption air mass meter
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	88 Air conditioning pressure
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	89 A/C pressure
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	90 Engine coolant temperature at engine start.
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	91 Engine coolant temperature sensor (Model)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	92 Altitude adaptation
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	93 Atmospheric pressure
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	94 Injection time
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	95 Throttle position sensor
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	96 Throttle position sensor 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	97 Throttle position sensor 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	98 Electronic Throttle Control (ETC) directional duty cycle
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	99 Accelerator pedal position sensor voltage
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	100 Accelerator pedal position
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	101 Engaged gear AT
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	102 Engine torque, actual value
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	103 Target engine torque
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	104 Transmission Control Unit TCU torque demand
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	105 Adapted throttle angle for idle (S1)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	106 Fuel adaption
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	107 Fuel adaption
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	108 Relative fuel part of purge control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	109 Lambda control adaptation fuel (bank 1)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	110 Correction value from downstream o2 sensor - bank1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	111 Filtered cycle duration O2 sensor signal up. Catalyst
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	112 Off-duration for sensor heating upstream catalyst
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	113 Off-duration for sensor heating downstream catalyst
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	114 Cyl.1 ignition retard due to knock control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	115 Cyl.2 ignition retard due to knock control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	116 Cyl.3 ignition retard due to knock control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	117 Cyl.4 ignition retard due to knock control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	118 Knock control cylinder 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	119 Knock control cylinder 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	120 Knock control cylinder 3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	121 Knock control cylinder 4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	122 Intake camshaft desired position-Bank1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	123 Intake camshaft actual position-Bank1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	124 IN-cam phaser 1 duty cycle
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	125 Cylinder 1 Current Misfire Counter
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	126 Cylinder 2 Current Misfire Counter
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	127 Cylinder 3 Current Misfire Counter
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	128 Cylinder 4 Current Misfire Counter
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	129 Total counter of emission relevant misfiring of cylinder#1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	130 Total counter of emission relevant misfiring of cylinder#2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	131 Total counter of emission relevant misfiring of cylinder#3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	132 Total counter of emission relevant misfiring of cylinder#4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	133 Total counter of catalyst damaging misfiring of cylinder#1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	134 Total counter of catalyst damaging misfiring of cylinder#2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	135 Total counter of catalyst damaging misfiring of cylinder#3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	136 Total counter of catalyst damaging misfiring of cylinder#4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	137 Total counter of emission relevant misfiring of all cylinders
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Live Parameters	138 Total counter of catalyst damaging misfiring of all cylinders
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	1 Injector cylinder 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	2 Injector cylinder 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	3 Injector cylinder 3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	4 Injector cylinder 4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	5 Immobilizer lamp

Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	6 Malfunction indicator lamp (MIL)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	7 Fuel pump relay
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	8 AC compressor relay
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	9 Fan unit high speed relay control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	10 Fan unit slow speed relay control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	11 carbon filter solenoid valve
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	12 Idle speed regulator
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	13 Oil pressure regulation solenoid valve
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	1 Injector cylinder 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	2 Injector cylinder 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	3 Injector cylinder 3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	4 Injector cylinder 4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	5 Immobilizer lamp
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	6 Malfunction indicator lamp (MIL)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	7 Fuel pump relay
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	8 AC compressor relay
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	9 Fan unit high speed relay control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	10 Fan unit slow speed relay control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	11 carbon filter solenoid valve
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	12 Idle speed regulator
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	13 Oil pressure regulation solenoid valve
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	1 Check engine lamp
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	2 Immobilizer lamp
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	3 Cruise control lamp
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	4 A/C compressor relay status
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	5 Fuel pump relay
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	6 Fuel pump control
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	7 Blower fan motor-drive low
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	8 Blower fan motor-drive high
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	9 Fuel open loop
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	10 carbon filter solenoid valve
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	11 Throttle position circuit
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	12 Ignition coil 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	13 Ignition coil 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	14 Ignition coil 3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	15 Ignition coil 4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	16 Injector Disable-Cylinder 1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	17 Injector Disable-Cylinder 2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	18 Injector Disable-Cylinder 3
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	19 Injector Disable-Cylinder 4
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	20 CVVT Intake
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	21 Oil control valve (bank1 intake)
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	22 Additive correction for O2 sensor heaters B1S1
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	23 Additive correction for O2 sensor heaters B1S2
Kia	Cee'd	Engine Petrol	G4FC 1,6 Gamma	Tests	24 Addictive correction for all O2 sensor heaters
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		ECU Information	1 SW boot version
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		ECU Information	2 Calibration number
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		ECU Information	3 Supplier, software version
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		ECU Information	1 Calibration Identification
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		ECU Information	2 Software version, boot loader
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		Live Parameters	1 Engine speed
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		Live Parameters	2 Vehicle speed
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		Live Parameters	3 Throttle position sensor status
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		Live Parameters	4 Input/turbine speed sensor "A" circuit
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		Live Parameters	5 Input / Turbine Speed Sensor B Circuit
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		Live Parameters	6 Torque converter clutch solenoid
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		Live Parameters	7 Torque converter clutch slip
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		Live Parameters	8 Purge control solenoid valve A (Duty)
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		Live Parameters	9 Purge control solenoid valve B (Duty)
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		Live Parameters	10 Purge control solenoid valve C (Duty)
Kia	Cee'd	Gearbox / Automatic Trar Gearbox		Live Parameters	11 Shift control solenoid valve A (ON/OFF)

Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	12 Transmission Fluid Temperature Sensor Circuit
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	13 Gearbox ratio
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	14 Shift position
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	15 Gear lever position, automatic gearbox
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	16 AC switch
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	17 Stop light switch
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	18 Total number of diagnostic trouble codes
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	19 Engine torque
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	20 Driving style factor
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	1 Engine speed
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	2 Vehicle speed
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	3 Throttle position
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	4 Input speed
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	5 Output speed
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	6 Torque Converter Clutch solenoid duty
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	7 Torque converter clutch slip
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	8 Pressure control solenoid valve A
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	9 Pressure Control Solenoid Valve 2 System
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	10 Pressure Control Solenoid Valve 3 System
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	11 Shift control solenoid valve A (ON/OFF)
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	12 Pressure control solenoid valve A
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	13 Oil temperature sensor
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	14 Gearshift sensor position
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	15 Shift lever switch AT
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	16 A/C switch
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	17 Brake switch
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	18 Gearbox ratio
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	19 Engine torque
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	20 Number of DTC
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Live Parameters	21 Driving state
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Tests	1 Shift control solenoid valve A (ON/OFF)
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Tests	2 Purge control solenoid valve A (Duty)
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Tests	3 Purge control solenoid valve B (Duty)
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Tests	4 Purge control solenoid valve C (Duty)
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Tests	5 Damper clutch control solenoid valve
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Tests	6 Solenoid valve
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Tests	1 Shift control solenoid valve A
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Tests	2 Pressure control solenoid valve A
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Tests	3 Pressure Control Solenoid B Control Circuit
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Tests	4 Pressure Control Solenoid "C"
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Tests	5 Torque converter clutch solenoid
Kia	Cee'd	Gearbox / Automatic Trar Gearbox			Tests	6 Solenoid valve converter pressure control
Kia	Cee'd	Immobiliser	Immobiliser	General	Live Parameters	1 Number of enabled keys
Kia	Cee'd	Immobiliser	Immobiliser	General	Live Parameters	2 ECU status
Kia	Cee'd	Immobiliser	Immobiliser	General	Live Parameters	3 Key status
Kia	Cee'd	Immobiliser	Immobiliser	General	Live Parameters	4 SMARTRA status
Kia	Cee'd	Restraints	Airbag		ECU Information	1 Vehicle ID
Kia	Cee'd	Restraints	Airbag		ECU Information	2 Control unit ID
Kia	Cee'd	Restraints	Airbag		ECU Information	3 System name
Kia	Cee'd	Restraints	Airbag		ECU Information	4 date
Kia	Cee'd	Restraints	Airbag		ECU Information	1 Vehicle information
Kia	Cee'd	Restraints	Airbag		ECU Information	2 Control unit ID
Kia	Cee'd	Restraints	Airbag		ECU Information	3 System name
Kia	Cee'd	Restraints	Airbag		ECU Information	4 date
Kia	Cee'd	Restraints	Airbag		ECU Information	5 Software version
Kia	Cee'd	Restraints	Airbag		ECU Information	6 Calibration Identification
Kia	Cee'd	Restraints	Airbag		Live Parameters	1 Passenger airbag
Kia	Cee'd	Restraints	Airbag		Live Parameters	1 Passenger front airbag circuit
Kia	Cee'd	Steering	Power steering		Adaptations	1 Steering angle calibration
Kia	Cee'd	Steering	Power steering		Adaptations	1 Steering angle calibration
Kia	Cee'd	Steering	Power steering		ECU Information	1 Vehicle information

Kia	Cee'd	Steering	Power steering	ECU Information	2 System
Kia	Cee'd	Steering	Power steering	ECU Information	3 Hardware version
Kia	Cee'd	Steering	Power steering	ECU Information	4 Software version
Kia	Cee'd	Steering	Power steering	ECU Information	1 Vehicle type
Kia	Cee'd	Steering	Power steering	ECU Information	2 Part number
Kia	Cee'd	Steering	Power steering	ECU Information	3 ECU hardware number
Kia	Cee'd	Steering	Power steering	ECU Information	4 ECU software number
Kia	Cee'd	Steering	Power steering	ECU Information	5 Type
Kia	Cee'd	Steering	Power steering	Live Parameters	1 Supply voltage
Kia	Cee'd	Steering	Power steering	Live Parameters	2 Torque applied to steering wheel
Kia	Cee'd	Steering	Power steering	Live Parameters	3 Steering wheel angle sensor
Kia	Cee'd	Steering	Power steering	Live Parameters	4 Steering wheel angle programming offset
Kia	Cee'd	Steering	Power steering	Live Parameters	5 Steering wheel angle velocity
Kia	Cee'd	Steering	Power steering	Live Parameters	6 Motor current
Kia	Cee'd	Steering	Power steering	Live Parameters	7 Actual motor current
Kia	Cee'd	Steering	Power steering	Live Parameters	8 Steering motor torque setpoint
Kia	Cee'd	Steering	Power steering	Live Parameters	9 ECU temperature
Kia	Cee'd	Steering	Power steering	Live Parameters	10 Motor temperature sensor
Kia	Cee'd	Steering	Power steering	Live Parameters	11 Power steering decrease
Kia	Cee'd	Steering	Power steering	Live Parameters	12 Vehicle speed
Kia	Cee'd	Steering	Power steering	Live Parameters	13 Filtered vehicle speed
Kia	Cee'd	Steering	Power steering	Live Parameters	14 Steering angle sensor, internal status
Kia	Cee'd	Steering	Power steering	Live Parameters	15 Engine status
Kia	Cee'd	Steering	Power steering	Live Parameters	1 Battery voltage
Kia	Cee'd	Steering	Power steering	Live Parameters	2 Steering wheel torque
Kia	Cee'd	Steering	Power steering	Live Parameters	3 Steering angle sensor
Kia	Cee'd	Steering	Power steering	Live Parameters	4 Steering Angle Sensor Calibrated
Kia	Cee'd	Steering	Power steering	Live Parameters	5 Steering wheel angle velocity
Kia	Cee'd	Steering	Power steering	Live Parameters	6 Motor current
Kia	Cee'd	Steering	Power steering	Live Parameters	7 Target motor current
Kia	Cee'd	Steering	Power steering	Live Parameters	8 Target engine torque
Kia	Cee'd	Steering	Power steering	Live Parameters	9 ECU temperature
Kia	Cee'd	Steering	Power steering	Live Parameters	10 Motor temperature sensor
Kia	Cee'd	Steering	Power steering	Live Parameters	11 Derating status
Kia	Cee'd	Steering	Power steering	Live Parameters	12 Vehicle speed
Kia	Cee'd	Steering	Power steering	Live Parameters	13 Vehicle speed information
Kia	Cee'd	Steering	Power steering	Live Parameters	14 Steering angle sensor, internal status
Kia	Cee'd	Steering	Power steering	Live Parameters	15 Engine status
Kia	Cee'd	Steering	Power steering	Live Parameters	16 Calibration status
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	1 Front left wheel speed sensor
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	2 Front right wheel speed sensor
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	3 Rear left wheel speed sensor
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	4 Rear right wheel speed sensor
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	5 ABS indicator lamp
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	6 EBD warning lamp
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	7 Stop light switch
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	8 Motor relay
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	9 valve relay
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	10 Motor
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	11 Inlet valve front left
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	12 Inlet valve front right
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	13 Rear inlet valve
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	14 Rear outlet valve
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	15 Outlet valve front left
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Live Parameters	16 Outlet valve front right
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Tests	1 Pump engine
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Tests	2 ABS inlet valve front left
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Tests	3 ABS inlet valve front right
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Tests	4 ABS inlet valve rear left
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Tests	5 ABS inlet valve rear right
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Tests	6 ABS outlet valve front left

Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Tests	7 ABS outlet valve front right
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Tests	8 ABS outlet valve rear left
Kia	Magentis I	Brake System	ABS - Anti-lock braking system	Tests	9 ABS outlet valve rear right
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	1 Calculated engine load
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	2 Coolant temperature sensor
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	3 Vehicle speed
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	4 Ignition timing
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	5 Intake air temperature sensor
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	6 Cranking
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	7 Power steering switch
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	8 Gearbox selector position (automatic gearbox)
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	9 A/C switch
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	10 Idle CO potentiometer
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	11 Battery voltage
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	12 ISC - Idle speed control
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	13 Throttle position sensor
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	14 MAP sensor
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	15 Engine speed
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	16 Injection duration
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Live Parameters	17 A/C relay drive
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Tests	1 Injection shut-off cyl 1
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Tests	2 Injection shut-off cyl 2
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Tests	3 Injection shut-off cyl 3
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Tests	4 Injection shut-off cyl 4
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Tests	5 Fuel pump relay
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Tests	6 EVAP Purge Solenoid Valve Command
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Tests	7 Fan Speed High
Kia	Magentis I	Engine Petrol	G4JP 2,0 Diagnose	Tests	8 Fan Speed Low
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Adaptations	1 Erase adaptive engine parameters
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	ECU Information	1 ECU
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	1 Battery voltage
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	2 Ignition switch status
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	3 Coolant temperature sensor
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	4 Coolant temperature sensor
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	5 IAT-sensor
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	6 IAT-sensor
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	7 Throttle position sensor
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	8 Throttle position sensor
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	9 Throttle position, continuous adaption
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	10 MAF-sensor voltage supply
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	11 MAF sensor
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	12 Vehicle speed
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	13 Engine speed
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	14 Target idle speed
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	15 Number of crankshaft teeth registered when camshaft sensor changed from - to +
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	16 Number of crankshaft teeth registered when camshaft sensor changed from + to -
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	17 Gear selector
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	18 AC switch
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	19 Control of AC compressor
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	20 AC-relay
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	21 AC pressure Switch
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	22 HO2S Heater Control Circuit (Bank 1, Sensor 1)
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	23 HO2S Heater Control Circuit (Bank 2, Sensor 1)
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	24 HO2S Heater Control Circuit (Bank 1, Sensor 2)
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	25 HO2S Heater Control Circuit (Bank 2, Sensor 2)
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	26 Ignition angle cylinder 1
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	27 Ignition angle cylinder 2
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	28 Ignition angle cylinder 3
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	29 Ignition angle cylinder 4
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	30 Ignition angle cylinder 5
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	31 Ignition angle cylinder 6

Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	32 Injector 1
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	33 Injector 2
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	34 Injector 3
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	35 Injector 4
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	36 Injector 5
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	37 Injector 6
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	38 Injection time bank 1
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	39 Injection time bank 2
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	40 Fuel system B1
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	41 Fuel system B2
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	42 Short term fuel trim bank 1
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	43 Short term fuel trim bank 2
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	44 Additive mixture adaption, bank 1
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	45 Additive mixture adaption, bank 2
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	46 Multiplicative mixture adaption, bank 1
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	47 Multiplicative mixture adaption, bank 2
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	48 O2 sensor heater duty bank 1
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	49 O2 sensor heater duty bank 2
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	50 HO2S Heater Control Circuit (Bank 1, Sensor 1)
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	51 HO2S Heater Control Circuit (Bank 2, Sensor 2)
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	52 ISC - Idle speed control
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	53 Idle speed actuator, adaptation value
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	54 Adaptive idle regulation, manual gearbox
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	55 Adaptive idle regulation, automatic gearbox
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	56 Idle actuator adaptation, drive, A/C
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	57 Evap-valve
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	58 Carbon filter solenoid valve, adaption value
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	59 Cooling fan mode
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	60 Cranking
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	61 Idle status
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	62 Part load
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	63 Fuel shut off
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Live Parameters	64 Full load
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	1 Injector 1
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	2 Injector 2
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	3 Injector 3
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	4 Injector 4
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	5 Injector 5
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	6 Injector 6
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	7 Malfunction indicator lamp (MIL)
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	8 Fuel pump relay
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	9 AC compressor relay
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	10 Cooling fan high speed
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	11 Cooling fan low speed
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	12 Evap-valve
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	13 Idle speed control valve
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	14 Ignition coil 1 & 4
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	15 Ignition coil 2 & 5
Kia	Magentis I	Engine Petrol	G6BA 2,7 V6 Gasoline	Tests	16 Ignition coil 3 & 6
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Adaptations	1 Erase adaptive engine parameters
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	ECU Information	1 ECU
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	1 Throttle position sensor
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	2 Throttle position sensor
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	3 Throttle position, continuous adaption
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	4 Battery voltage
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	5 IAT-sensor
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	6 IAT - Intake air temperature
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	7 Coolant temperature sensor
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	8 Coolant temperature sensor
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	9 MAF sensor
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	10 MAF-sensor voltage supply

Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	11 Engine speed
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	12 Vehicle speed
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	13 AC switch
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	14 Control of AC compressor
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	15 AC pressure Switch
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	16 AC-relay
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	17 Target idle speed
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	18 Idle speed control valve
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	19 Idle speed actuator, adaptation value
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	20 Adaptive idle regulation, manual gearbox
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	21 Adaptive idle regulation, automatic gearbox
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	22 Idle actuator adaptation, drive, A/C
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	23 Cranking
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	24 Idle status
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	25 Part load
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	26 Gear selector
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	27 Ignition dwell time
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	28 Ignition angle cylinder 1
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	29 Ignition angle cylinder 2
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	30 Ignition angle cylinder 3
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	31 Ignition angle cylinder 4
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	32 Ignition angle cylinder 5
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	33 Ignition angle cylinder 6
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	34 Injection time bank 1
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	35 Injection time bank 2
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	36 Injector 1
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	37 Injector 2
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	38 Injector 3
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	39 Injector 4
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	40 Injector 5
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	41 Injector 6
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	42 Short term fuel trim bank 1
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	43 Short term fuel trim bank 2
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	44 Long term fuel trim bank 1:
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	45 Multiplicative mixture adaption, bank 1
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	46 Long term fuel trim bank 2:
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	47 Additive mixture adaption, bank 2
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	48 HO2S Heater Control Circuit (Bank 1, Sensor 1)
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	49 HO2S Heater Control Circuit (Bank 1, Sensor 2)
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	50 HO2S Heater Control Circuit (Bank 2, Sensor 2)
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	51 O2 sensor heater duty bank 1
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	52 HO2S Heater Control Circuit (Bank 1, Sensor 1)
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	53 O2 sensor heater duty bank 2
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	54 HO2S Heater Control Circuit (Bank 2, Sensor 2)
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	55 Fuel system B1
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	56 Fuel system B2
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	57 Fuel shut off
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	58 Full load
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	59 Evap-valve
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	60 Carbon filter solenoid valve, adaption value
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	61 Ignition switch status
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	62 Number of crankshaft teeth registered when camshaft sensor changed from - to +
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	63 Number of crankshaft teeth registered when camshaft sensor changed from + to -
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Live Parameters	64 Cooling fan mode
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	1 Injector 1
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	2 Injector 2
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	3 Injector 3
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	4 Injector 4
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	5 Injector 5
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	6 Injector 6
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	7 Malfunction indicator lamp (MIL)

Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	8 Fuel pump relay
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	9 AC compressor relay
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	10 Cooling fan high speed
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	11 Cooling fan low speed
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	12 Main relay
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	13 Evap-valve
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	14 Idle speed control valve
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	15 Ignition coil 1 & 4
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	16 Ignition coil 2 & 5
Kia	Magentis I	Engine Petrol	G6BV 2,5 V6 Diagnose	Tests	17 Ignition coil 3 & 6
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	ECU Information	1 Serial number
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	1 Engine speed
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	2 Vehicle speed
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	3 Throttle position sensor
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	4 Gearbox input speed sensor
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	5 Output speed
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	6 TCC Solenoid
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	7 Transmission Slip
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	8 Low reverse solenoid duty
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	9 Underdrive solenoid duty
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	10 Second solenoid duty
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	11 Overdrive solenoid duty
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	12 Oil temperature
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	13 Gear lever position
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	14 Select lever switch
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	15 AC switch
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	16 Stop light switch
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	17 Sport program
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	18 Upshift Switch Circuit
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	19 Downshift Switch Circuit
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	20 A/T converter relay voltage
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	21 Engine torque
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Live Parameters	22 Hivec mode
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Tests	1 Low reverse solenoid valve
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Tests	2 Underdrive solenoid valve
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Tests	3 Second solenoid valve
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Tests	4 Overdrive solenoid valve
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Tests	5 Damper clutch control solenoid valve
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Tests	6 1st shift indicator on
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Tests	7 Second shift indicator on
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Tests	8 Third shift indicator on
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Tests	9 Fourth Shift indicator on
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Tests	10 Intelligent shift prohibited
Kia	Magentis I	Gearbox / Automatic Trar	Gearbox	Tests	11 AT control relay
Kia	Magentis I	Restraints	Airbag	ECU Information	1 Airbag system information
Kia	Magentis II	Body Control Module	Body control module	ECU Information	1 Vehicle ID
Kia	Magentis II	Body Control Module	Body control module	ECU Information	2 Control module part number
Kia	Magentis II	Body Control Module	Body control module	ECU Information	3 Version name
Kia	Magentis II	Body Control Module	Body control module	ECU Information	4 Date of manufacture
Kia	Magentis II	Body Control Module	Body control module	ECU Information	5 Software version
Kia	Magentis II	Body Control Module	Body control module	ECU Information	6 Hardware version
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	1 Ignition lock status; auxiliary sense
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	2 Ignition lock status; ignition sense
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	3 Alternator
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	4 Key-in switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	5 Relay immobiliser
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	6 Power window relay
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	7 Automatic light system
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	8 Taillight switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	9 Automatic lighting button
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	10 Button rear fog lights

Kia	Magentis II	Body Control Module	Body control module	Live Parameters	11 Headlamp switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	12 Front fogs switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	13 Taillight relay switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	14 High/Low beam relay
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	15 Relay, rear fog lamp
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	16 Hazard relay
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	17 Indication lamp seat belt, driver
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	18 Passenger seatbelt indicator
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	19 Interior light illumination
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	20 Illumination ignition switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	21 Driver door switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	22 Passenger door switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	23 All doors closed
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	24 Bootlid/tailgate switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	25 Hood Switch Circuit Open
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	26 Trunk lid switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	27 Door switch, driver door
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	28 Door switch, passenger door
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	29 Door lock switch, rear right
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	30 Door lock switch, rear left
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	31 Door key switch lock
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	32 Driver door key unlock switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	33 Passenger door key switch unlock position
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	34 Trunk unlocking switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	35 Central locking closes
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	36 Central locking opens
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	37 Crash unlock
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	38 All doors lock relay
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	39 All doors unlock relay
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	40 Front Washer Switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	41 Wiper switch interval
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	42 Rear defrost switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	43 Wiper relay on/off
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	44 Rear defroster relay
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	45 Defroster button
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	46 Front defroster relay
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	47 Speed alarm buzzer
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	48 Driver seatbelt switch
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	49 Passenger Seatbelt Sensor
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	50 Relay alarm horn
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	51 Buzzer
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	52 Wiper switch interval
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	53 Light sensor
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	54 Speed signal
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	55 Number of learnt remote controls
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	56 Automatic Locking when Driving
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	57 Remote control lock/unlock button
Kia	Magentis II	Body Control Module	Body control module	Live Parameters	58 Horn control
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	ECU Information	1 Identification check
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	1 Vehicle speed
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	2 Battery voltage
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	3 Reference voltage
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	4 Front left wheel speed sensor
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	5 Front right wheel speed sensor
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	6 Rear left wheel speed sensor
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	7 Rear right wheel speed sensor
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	8 Steering SNSR (ST 1)
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	9 Steering SNSR (ST 2)
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	10 Steering SNSR (ST 3)
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	11 ABS warning lamp
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	12 EBD warning lamp

Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	13 TCS/ESP warning lamp
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	14 TCS off indicator
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	15 TCS power switch
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	16 Brake switch
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	17 Motor relay
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	18 valve relay
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	19 Motor
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	20 ABS inlet valve front left
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	21 ABS inlet valve front right
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	22 ABS inlet valve rear left
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	23 ABS inlet valve rear right
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	24 ABS outlet valve front left
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	25 ABS outlet valve front right
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	26 ABS outlet valve rear left
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	27 ABS outlet valve rear right
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	28 Front LH traction control valve
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	29 Front RH traction control valve
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	30 Shuttle valve(FL)
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	31 Shuttle valve(FR)
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	32 Yaw rate and lateral acceleration sensor
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	33 Yaw rate value
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	34 Pressure sensor
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Live Parameters	35 Steering angle sensor
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Tests	1 Motor
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Tests	2 ABS inlet valve front left
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Tests	3 ABS inlet valve front right
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Tests	4 ABS inlet valve rear left
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Tests	5 ABS inlet valve rear right
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Tests	6 ABS outlet valve front left
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Tests	7 ABS outlet valve front right
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Tests	8 ABS outlet valve rear left
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Tests	9 ABS outlet valve rear right
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Tests	10 Front LH traction control valve
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Tests	11 Front RH traction control valve
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Tests	12 Electronic shuttle valve(FR)
Kia	Magentis II	Brake System	ABS - Anti-lock braking system	Tests	13 Electronic shuttle valve(FL)
Kia	Magentis II	Climate Control	Climate control	ECU Information	1 Vehicle information
Kia	Magentis II	Climate Control	Climate control	ECU Information	2 Control unit ID
Kia	Magentis II	Climate Control	Climate control	ECU Information	3 System name
Kia	Magentis II	Climate Control	Climate control	Live Parameters	1 Water temperature
Kia	Magentis II	Climate Control	Climate control	Live Parameters	2 Interior temperature sensor
Kia	Magentis II	Climate Control	Climate control	Live Parameters	3 Ambient temperature
Kia	Magentis II	Climate Control	Climate control	Live Parameters	4 EVAP sensor
Kia	Magentis II	Climate Control	Climate control	Live Parameters	5 Distribution flap position
Kia	Magentis II	Climate Control	Climate control	Live Parameters	6 Direct potentiometer
Kia	Magentis II	Climate Control	Climate control	Live Parameters	7 Air humidity sensor, AC
Kia	Magentis II	Climate Control	Climate control	Live Parameters	8 Air intake potentiometer
Kia	Magentis II	Climate Control	Climate control	Tests	1 Air conditioning compressor
Kia	Magentis II	Climate Control	Climate control	Tests	2 AC compressor clutch off
Kia	Magentis II	Climate Control	Climate control	Tests	3 Blower fan motor-drive low
Kia	Magentis II	Climate Control	Climate control	Tests	4 Blower fan motor-drive medium
Kia	Magentis II	Climate Control	Climate control	Tests	5 Blower fan motor-drive high
Kia	Magentis II	Climate Control	Climate control	Tests	6 Blower fan motor off command
Kia	Magentis II	Climate Control	Climate control	Tests	7 Blower fan motor-drive low
Kia	Magentis II	Climate Control	Climate control	Tests	8 Blower fan motor-drive medium
Kia	Magentis II	Climate Control	Climate control	Tests	9 Blower fan motor-drive high
Kia	Magentis II	Climate Control	Climate control	Tests	10 Driver mode door-vent
Kia	Magentis II	Climate Control	Climate control	Tests	11 Driver mode door-floor
Kia	Magentis II	Climate Control	Climate control	Tests	12 Driver mode door-def
Kia	Magentis II	Climate Control	Climate control	Tests	13 Intake door-Fresh
Kia	Magentis II	Climate Control	Climate control	Tests	14 Intake door-Recirc

Kia	Magentis II	Climate Control	Climate control	Tests	15 PTC heater booster
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Adaptations	1 Lambda sensor change
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Adaptations	2 Rail pressure sensor change
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Adaptations	3 Air flow change
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Adaptations	4 Catalytic particle filter (CPF) change
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Adaptations	5 Reset pressure sensor diesel partical filter
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Adaptations	6 Swirl control valve change
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Adaptations	7 Injector programming
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	ECU Information	1 Calibration number
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	ECU Information	2 Hardware number
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	ECU Information	3 ROM (Read only memory)
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	1 Ignition lock
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	2 Battery voltage
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	3 Fuel quantity
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	4 Fuel pressure measured
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	5 Fuel pressure measured
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	6 Rail pressure regulator
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	7 Fuel temperature
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	8 Air mass flow
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	9 Air temperature sensor
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	10 EGR actuator
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	11 Atmospheric pressure
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	12 Water temperature sensor
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	13 Clutch switch MT
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	14 Neutral position switch MT
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	15 Redundant brake pedal
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	16 Brake switch
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	17 Accelerator pedal
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	18 Accelerator pedal (sensor 1)
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	19 Accelerator pedal (sensor 2)
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	20 Control of AC compressor
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	21 Blower switch
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	22 Fan Speed Low
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	23 Fan Speed High
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	24 Glowplug relay
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	25 Electric auxiliary heater
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	26 Fuel pump relay
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	27 Boost pressure sensor
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	28 VGT valve actuator
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	29 Check engine lamp
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	30 Vehicle speed
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	31 Immobilizer lamp
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	32 Injection pump regulator
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	33 A/C pressure sensor
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	34 Throttle actuator
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	35 O2s subtract voltage
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	36 Oxygen sensor
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	37 Lambda sensor temperature monitoring
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	38 O2 sensor heater duty
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	39 O2s state of adaption
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	40 Exhaust gas flow
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	41 Differential Pressure
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	42 Exhaust gas temp pre variable geometry turbocharger (VGT)
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	43 Exhaust gas temp pre catalytic particle filter(CPF)
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	44 Particle filter pressure
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	45 Regeneration status
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	46 Mass Air Flow Per Cylinder
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	47 Status of signal app/brk
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	48 Boost pressure
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	49 Vehicle acceleration
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	50 Calculated load

Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	51 Gear information
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	52 Immobilisation/Alarm system
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	53 A/C compressor relay status
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	54 Engine torque multiplexed, Actual torque
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	55 Engine torque multiplexed, Expected torque
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	56 AT/MT (Gearbox) information
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	57 Fuel temperature
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	58 Air temperature
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	59 Glow time lamp
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	60 Engine speed sensors
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Live Parameters	61 V/swirl actuator (U/D/S)
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	1 A/C compressor relay status
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	2 MIL lamp circuit
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	3 Auxiliary heater relay control
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	4 Fuel pump relay
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	5 Fan Speed High
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	6 Fan Speed Low
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	7 Cruise control lamp
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	8 Cruise control set lamp
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	9 Glow plug lamp
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	10 Glowplug relay
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	11 Immobilizer lamp
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	12 VGT valve actuator
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	13 EGR valve
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	14 Throttle position
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	15 Pressure regulation valve (MPROP)
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	16 Variable swirl control actuator
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	17 Rail pressure regulator
Kia	Magentis II	Engine Diesel	D4EA 2,0 Euro-4 (Can)	Tests	18 Lambda sensor heater
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Adaptations	1 Erase adaptive engine parameters
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	ECU Information	1 ECU identification
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	1 Variant coding
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	2 A/C status
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	3 A/C switch
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	4 MIL
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	5 A/C compressor relay status
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	6 Ignition lock
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	7 Power supply, fault
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	8 Idle status
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	9 Full throttle switch
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	10 Fuel shutoff valve
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	11 Starter motor signal
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	12 Fuel pump
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	13 Main relay
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	14 Synchronization status
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	15 Feedback
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	16 Knock detection
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	17 O2S Bank 1 Sensor 1
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	18 Lambda regulation, bank 1 sensor 2
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	19 Status 'Purge control'
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	20 Purge valve drive
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	21 Idle speed control
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	22 Operating state
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	23 Air mass flow
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	24 Air mass flow
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	25 Intake Manifold Pressure
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	26 Engine load
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	27 Throttle position sensor
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	28 EGR throttle opening
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	29 Battery voltage
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	30 Coolant temperature

Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	31 Coolant temperature (raw value)
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	32 Intake air temperature
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	33 Canister purge valve, duty cycle
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	34 Cylinder 1 Injection Timing
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	35 Cylinder 2 Injection Timing
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	36 Cylinder 3 Injection Timing
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	37 Cylinder 4 Injection Timing
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	38 Torque Request
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	39 HO2S Heater Control Circuit (Bank 1, Sensor 1)
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	40 HO2S Heater Control Circuit Low (Bank 1, Sensor 1)
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	41 HO2S Heater Control Circuit (Bank 1 Sensor 1)
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	42 HO2S Heater Control Circuit (Bank 1 Sensor 2)
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	43 Target idle speed
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	44 Idle actuator, duty cycle
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	45 ISA Adaption value
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	46 Engine speed
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	47 Ignition timing
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	48 Vehicle speed
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	49 Short term fuel trim bank 1
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	50 Long term fuel trim at idle
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	51 Long term fuel part load
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	52 Knock ignition angle of cylinder 1
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	53 Knock ignition angle of cylinder 2
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	54 Knock ignition angle of cylinder 3
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	55 Knock ignition angle of cylinder 4
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	56 Continuous variable valve timing adaption pulse width modulation
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	57 Continuous variable valve timing (CVVT) valve duty control status
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	58 Camshaft position, inlet
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	59 Camshaft position
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Live Parameters	60 Continuous variable valve timing pulse width modulation
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	1 Cylinder 1 injection
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	2 Cylinder 2 injection
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	3 Cylinder 3 injection
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	4 Cylinder 4 injection
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	5 Malfunction indicator lamp (MIL)
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	6 Fuel pump relay
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	7 A/C compressor relay status
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	8 Cooling fan high speed
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	9 Cooling fan low speed
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	10 Main relay
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	11 carbon filter solenoid valve
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	12 Idle speed regulator
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	13 Oil pressure regulation solenoid valve
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	14 Ignition coil 1
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	15 Ignition coil 2
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	16 Ignition coil 3
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	17 Ignition coil 4
Kia	Magentis II	Engine Petrol	G4KA 2,0 Gasoline	Tests	18 Immobilizer lamp
Kia	Magentis II	Gearbox / Automatic Trar	Gearbox	ECU Information	1 Diagnos index
Kia	Magentis II	Gearbox / Automatic Trar	Gearbox	ECU Information	2 ROM (Read only memory)
Kia	Magentis II	Gearbox / Automatic Trar	Gearbox	Live Parameters	1 Engine speed
Kia	Magentis II	Gearbox / Automatic Trar	Gearbox	Live Parameters	2 Vehicle speed
Kia	Magentis II	Gearbox / Automatic Trar	Gearbox	Live Parameters	3 Throttle position sensor
Kia	Magentis II	Gearbox / Automatic Trar	Gearbox	Live Parameters	4 Input/turbine speed sensor "A" circuit
Kia	Magentis II	Gearbox / Automatic Trar	Gearbox	Live Parameters	5 Sensor transmission output speed
Kia	Magentis II	Gearbox / Automatic Trar	Gearbox	Live Parameters	6 Lockup Solenoid
Kia	Magentis II	Gearbox / Automatic Trar	Gearbox	Live Parameters	7 Torque converter slip speed
Kia	Magentis II	Gearbox / Automatic Trar	Gearbox	Live Parameters	8 Low reverse solenoid duty
Kia	Magentis II	Gearbox / Automatic Trar	Gearbox	Live Parameters	9 Underdrive solenoid duty
Kia	Magentis II	Gearbox / Automatic Trar	Gearbox	Live Parameters	10 Second solenoid duty
Kia	Magentis II	Gearbox / Automatic Trar	Gearbox	Live Parameters	11 Overdrive solenoid duty

Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Live Parameters	12 Pressure regulator valve
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Live Parameters	13 Oil temperature
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Live Parameters	14 Shift position
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Live Parameters	15 Select lever switch
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Live Parameters	16 A/C switch
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Live Parameters	17 Brake switch
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Live Parameters	18 Sports switch
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Live Parameters	19 Sports Shift Up switch
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Live Parameters	20 Sports Shift Down switch
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Live Parameters	21 Control unit voltage relay
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Live Parameters	22 Engine torque
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Tests	1 LR Solenoid
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Tests	2 Underdrive solenoid valve
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Tests	3 Second solenoid duty
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Tests	4 Overdrive solenoid valve
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Tests	5 Damper clutch control solenoid valve
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Tests	6 Pressure regulator valve
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Tests	7 1st shift indicator on
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Tests	8 Second shift indicator on
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Tests	9 Third shift indicator on
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Tests	10 Fourth Shift indicator on
Kia	Magentis II	Gearbox / Automatic Trar Gearbox		Tests	11 AT control relay
Kia	Magentis II	Immobiliser	Immobiliser	Live Parameters	1 Programmed keys
Kia	Magentis II	Immobiliser	Immobiliser	Live Parameters	2 ECU status immobilizer
Kia	Magentis II	Immobiliser	Immobiliser	Live Parameters	3 ECU status immobilizer
Kia	Magentis II	Restraints	Airbag	ECU Information	1 Vehicle information
Kia	Magentis II	Restraints	Airbag	ECU Information	2 Control unit ID
Kia	Magentis II	Restraints	Airbag	ECU Information	3 System name
Kia	Magentis II	Restraints	Airbag	ECU Information	4 date
Kia	Magentis II	Restraints	Airbag	Live Parameters	1 Passenger front airbag circuit
Kia	Oprius	Body Control Module	Body control module	ECU Information	1 Software version
Kia	Oprius	Body Control Module	Body control module	ECU Information	2 Product number
Kia	Oprius	Body Control Module	Body control module	ECU Information	3 Serial number
Kia	Oprius	Body Control Module	Body control module	Live Parameters	1 Key in ignition
Kia	Oprius	Body Control Module	Body control module	Live Parameters	2 Ignition switch (ACC)
Kia	Oprius	Body Control Module	Body control module	Live Parameters	3 Ignition status 1
Kia	Oprius	Body Control Module	Body control module	Live Parameters	4 Ignition status 2
Kia	Oprius	Body Control Module	Body control module	Live Parameters	5 Hazard Light Switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	6 Left indicator switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	7 Right indicator switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	8 Brake Light Fuse Status
Kia	Oprius	Body Control Module	Body control module	Live Parameters	9 Brake switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	10 Taillight relay switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	11 Button front fog lights
Kia	Oprius	Body Control Module	Body control module	Live Parameters	12 Rear fog lights switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	13 Low beam switch signal
Kia	Oprius	Body Control Module	Body control module	Live Parameters	14 High Beam Switch Signal
Kia	Oprius	Body Control Module	Body control module	Live Parameters	15 Headlamps Flash
Kia	Oprius	Body Control Module	Body control module	Live Parameters	16 NAS option
Kia	Oprius	Body Control Module	Body control module	Live Parameters	17 All door switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	18 Hood switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	19 Trunk lid switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	20 Trunk open key switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	21 Front washer
Kia	Oprius	Body Control Module	Body control module	Live Parameters	22 Front Wiper Intermittent Switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	23 Front Wiper Slow Switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	24 Front wiper fast switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	25 Windscreen demist button
Kia	Oprius	Body Control Module	Body control module	Live Parameters	26 Front wiper state
Kia	Oprius	Body Control Module	Body control module	Live Parameters	27 Front wiper interval
Kia	Oprius	Body Control Module	Body control module	Live Parameters	28 Front wiper park state

Kia	Oprius	Body Control Module	Body control module	Live Parameters	29 Headlight washer requested
Kia	Oprius	Body Control Module	Body control module	Live Parameters	30 High speed (120km/h)
Kia	Oprius	Body Control Module	Body control module	Live Parameters	31 Seat belt buckle
Kia	Oprius	Body Control Module	Body control module	Live Parameters	32 Rear defrost switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	33 Autolight Switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	34 Configuration, daytime running lights
Kia	Oprius	Body Control Module	Body control module	Live Parameters	35 Battery voltage
Kia	Oprius	Body Control Module	Body control module	Live Parameters	36 Ignition 1
Kia	Oprius	Body Control Module	Body control module	Live Parameters	37 Alternator L Terminal
Kia	Oprius	Body Control Module	Body control module	Live Parameters	38 Automatic light sensor
Kia	Oprius	Body Control Module	Body control module	Live Parameters	39 Left turn signal
Kia	Oprius	Body Control Module	Body control module	Live Parameters	40 Right Turn Signal
Kia	Oprius	Body Control Module	Body control module	Live Parameters	41 Bulb failure warning lamp
Kia	Oprius	Body Control Module	Body control module	Live Parameters	42 Tail light
Kia	Oprius	Body Control Module	Body control module	Live Parameters	43 Front fog lights
Kia	Oprius	Body Control Module	Body control module	Live Parameters	44 Front fog lamp indicator
Kia	Oprius	Body Control Module	Body control module	Live Parameters	45 Rear fog lights
Kia	Oprius	Body Control Module	Body control module	Live Parameters	46 Low beam
Kia	Oprius	Body Control Module	Body control module	Live Parameters	47 Main beam
Kia	Oprius	Body Control Module	Body control module	Live Parameters	48 Indicator lamp headlights
Kia	Oprius	Body Control Module	Body control module	Live Parameters	49 Trunk Lock Relay
Kia	Oprius	Body Control Module	Body control module	Live Parameters	50 Burglar alarm
Kia	Oprius	Body Control Module	Body control module	Live Parameters	51 Alarm horn
Kia	Oprius	Body Control Module	Body control module	Live Parameters	52 Relay, windshield wiper low speed
Kia	Oprius	Body Control Module	Body control module	Live Parameters	53 Relay, windshield wiper high speed
Kia	Oprius	Body Control Module	Body control module	Live Parameters	54 Headlamp washer relay
Kia	Oprius	Body Control Module	Body control module	Live Parameters	55 Buzzer
Kia	Oprius	Body Control Module	Body control module	Live Parameters	56 Seat belt warning lamp
Kia	Oprius	Body Control Module	Body control module	Live Parameters	57 Interior light illumination
Kia	Oprius	Body Control Module	Body control module	Live Parameters	58 Illumination ignition switch
Kia	Oprius	Body Control Module	Body control module	Live Parameters	59 Rear defroster relay
Kia	Oprius	Body Control Module	Body control module	Live Parameters	60 Vehicle speed
Kia	Oprius	Body Control Module	Body control module	Live Parameters	61 Remote control status
Kia	Oprius	Body Control Module	Body control module	Live Parameters	62 Active remote control button
Kia	Oprius	Body Control Module	Body control module	Live Parameters	63 Number of learnt remote controls
Kia	Oprius	Body Control Module	Body control module	Tests	1 Tail light
Kia	Oprius	Body Control Module	Body control module	Tests	2 Low beam
Kia	Oprius	Body Control Module	Body control module	Tests	3 High beam
Kia	Oprius	Body Control Module	Body control module	Tests	4 Indicator lamp headlights
Kia	Oprius	Body Control Module	Body control module	Tests	5 Front fog lights
Kia	Oprius	Body Control Module	Body control module	Tests	6 Front fog lamp indicator
Kia	Oprius	Body Control Module	Body control module	Tests	7 Front wiper slow
Kia	Oprius	Body Control Module	Body control module	Tests	8 Wipers high speed
Kia	Oprius	Body Control Module	Body control module	Tests	9 Rear defroster relay
Kia	Oprius	Body Control Module	Body control module	Tests	10 Trunk open
Kia	Oprius	Body Control Module	Body control module	Tests	11 Horn
Kia	Oprius	Body Control Module	Body control module	Tests	12 Bulb failure warning lamp
Kia	Oprius	Body Control Module	Body control module	Tests	13 Interior light illumination
Kia	Oprius	Body Control Module	Body control module	Tests	14 Hazard warning lights
Kia	Oprius	Body Control Module	Body control module	Tests	15 Left turning light
Kia	Oprius	Body Control Module	Body control module	Tests	16 Right turning light
Kia	Oprius	Body Control Module	Body control module	Tests	17 Buzzer
Kia	Oprius	Body Control Module	Body control module	Tests	18 Illumination ignition switch
Kia	Oprius	Body Control Module	Body control module	Tests	19 Seat belt warning lamp
Kia	Oprius	Body Control Module	Body control module	Tests	20 Immobilizer indicator
Kia	Oprius	Climate Control	Climate control	ECU Information	1 Control unit (ECU)
Kia	Oprius	Climate Control	Climate control	Live Parameters	1 Interior temperature sensor
Kia	Oprius	Climate Control	Climate control	Live Parameters	2 Ambient air temperature
Kia	Oprius	Climate Control	Climate control	Live Parameters	3 Evaporator temperature sensor
Kia	Oprius	Climate Control	Climate control	Live Parameters	4 Sun sensor, driver side
Kia	Oprius	Climate Control	Climate control	Live Parameters	5 Driver's mixing flap position

Kia	Oprius	Climate Control	Climate control	Live Parameters	6 Air distribution flap, driver side
Kia	Oprius	Climate Control	Climate control	Live Parameters	7 Sun sensor, passenger side
Kia	Oprius	Climate Control	Climate control	Live Parameters	8 Passenger's mixing flap position
Kia	Oprius	Climate Control	Climate control	Live Parameters	9 Air distribution flap, passenger side
Kia	Oprius	Climate Control	Climate control	Live Parameters	10 Rear mixing flap position
Kia	Oprius	Climate Control	Climate control	Tests	1 Magnetic clutch, on
Kia	Oprius	Climate Control	Climate control	Tests	2 Magnetic clutch, off
Kia	Oprius	Climate Control	Climate control	Tests	3 Fan off
Kia	Oprius	Climate Control	Climate control	Tests	4 Fan speed 1
Kia	Oprius	Climate Control	Climate control	Tests	5 Fan speed 2
Kia	Oprius	Climate Control	Climate control	Tests	6 Fan speed 3
Kia	Oprius	Climate Control	Climate control	Tests	7 Driver's mixing flap position, 0%
Kia	Oprius	Climate Control	Climate control	Tests	8 Driver's mixing flap position, 50%
Kia	Oprius	Climate Control	Climate control	Tests	9 Driver's mixing flap position, 100%
Kia	Oprius	Climate Control	Climate control	Tests	10 Passenger's mixing flap position, 0%
Kia	Oprius	Climate Control	Climate control	Tests	11 Passenger's mixing flap position, 50%
Kia	Oprius	Climate Control	Climate control	Tests	12 Passenger's mixing flap position, 100%
Kia	Oprius	Climate Control	Climate control	Tests	13 Driver air outlet, face
Kia	Oprius	Climate Control	Climate control	Tests	14 Driver air outlet, floor
Kia	Oprius	Climate Control	Climate control	Tests	15 Driver air outlet, defroster
Kia	Oprius	Climate Control	Climate control	Tests	16 Passenger air outlet, face
Kia	Oprius	Climate Control	Climate control	Tests	17 Passenger air outlet, floor
Kia	Oprius	Climate Control	Climate control	Tests	18 Passenger air outlet, defroster
Kia	Oprius	Climate Control	Climate control	Tests	19 Fresh/recirculation air damper, fresh air control position
Kia	Oprius	Climate Control	Climate control	Tests	20 Fresh/recirculation air damper, recirculation control position
Kia	Oprius	Climate Control	Climate control	Tests	21 Position of rear ventilation flap, open
Kia	Oprius	Climate Control	Climate control	Tests	22 Position of rear ventilation flap, closed
Kia	Oprius	Climate Control	Climate control	Tests	23 Rear mixing flap position, 0%
Kia	Oprius	Climate Control	Climate control	Tests	24 Rear mixing flap position, 50%
Kia	Oprius	Climate Control	Climate control	Tests	25 Rear mixing flap position, 100%
Kia	Oprius	Door	Driver door window	ECU Information	1 Software version
Kia	Oprius	Door	Driver door window	ECU Information	2 Product number
Kia	Oprius	Door	Driver door window	ECU Information	3 Serial number
Kia	Oprius	Door	Driver door window	Live Parameters	1 Driver's door lock knob switch (UNLOCK)
Kia	Oprius	Door	Driver door window	Live Parameters	2 Driver door key unlock switch
Kia	Oprius	Door	Driver door window	Live Parameters	3 Driver's rear door lock knob switch (UNLOCK)
Kia	Oprius	Door	Driver door window	Live Parameters	4 Driver door
Kia	Oprius	Door	Driver door window	Live Parameters	5 Power window, window lock
Kia	Oprius	Door	Driver door window	Live Parameters	6 Mirror folding button
Kia	Oprius	Door	Driver door window	Live Parameters	7 Trunk opening switch
Kia	Oprius	Door	Driver door window	Live Parameters	8 Crash sensor
Kia	Oprius	Door	Driver door window	Live Parameters	9 Window auto down, driver side rear
Kia	Oprius	Door	Driver door window	Live Parameters	10 Window down, driver side rear
Kia	Oprius	Door	Driver door window	Live Parameters	11 Window auto up, driver side rear
Kia	Oprius	Door	Driver door window	Live Parameters	12 Window up, driver side rear
Kia	Oprius	Door	Driver door window	Live Parameters	13 Driver window auto down
Kia	Oprius	Door	Driver door window	Live Parameters	14 Driver window down
Kia	Oprius	Door	Driver door window	Live Parameters	15 Driver window auto up
Kia	Oprius	Door	Driver door window	Live Parameters	16 Driver window up
Kia	Oprius	Door	Driver door window	Live Parameters	17 Window auto down, passenger side rear
Kia	Oprius	Door	Driver door window	Live Parameters	18 Window down, passenger side rear
Kia	Oprius	Door	Driver door window	Live Parameters	19 Window auto up, passenger side rear
Kia	Oprius	Door	Driver door window	Live Parameters	20 Window up, passenger side rear
Kia	Oprius	Door	Driver door window	Live Parameters	21 Passenger window auto down
Kia	Oprius	Door	Driver door window	Live Parameters	22 Passenger window down
Kia	Oprius	Door	Driver door window	Live Parameters	23 Passenger window auto up
Kia	Oprius	Door	Driver door window	Live Parameters	24 Passenger window up
Kia	Oprius	Door	Driver door window	Live Parameters	25 Driver mirror up switch
Kia	Oprius	Door	Driver door window	Live Parameters	26 Driver mirror down switch
Kia	Oprius	Door	Driver door window	Live Parameters	27 Driver mirror left switch
Kia	Oprius	Door	Driver door window	Live Parameters	28 Driver mirror right switch

Kia	Oprius	Door	Driver door window	Live Parameters	29 Passenger mirror up switch
Kia	Oprius	Door	Driver door window	Live Parameters	30 Passenger mirror down switch
Kia	Oprius	Door	Driver door window	Live Parameters	31 Passenger mirror left switch
Kia	Oprius	Door	Driver door window	Live Parameters	32 Passenger mirror right switch
Kia	Oprius	Door	Driver door window	Live Parameters	33 Ignition status 2
Kia	Oprius	Door	Driver door window	Live Parameters	34 Driver Mirror Horizontal Position
Kia	Oprius	Door	Driver door window	Live Parameters	35 Driver Mirror Vertical Position
Kia	Oprius	Door	Driver door window	Live Parameters	36 Power window switch state, driver auto
Kia	Oprius	Door	Driver door window	Live Parameters	37 Power window switch state, driver down
Kia	Oprius	Door	Driver door window	Live Parameters	38 Power window switch state, driver up
Kia	Oprius	Door	Driver door window	Live Parameters	39 Ignition power input, driver side
Kia	Oprius	Door	Driver door window	Live Parameters	40 Window switch state, rear driver side auto
Kia	Oprius	Door	Driver door window	Live Parameters	41 Rear driver side window switch down
Kia	Oprius	Door	Driver door window	Live Parameters	42 Rear driver side window switch up
Kia	Oprius	Door	Driver door window	Live Parameters	43 Ignition power input, rear driver side
Kia	Oprius	Door	Driver door window	Tests	1 Door lock switch lock
Kia	Oprius	Door	Driver door window	Tests	2 Door lock switch unlock
Kia	Oprius	Door	Driver door window	Tests	3 Driver window auto down
Kia	Oprius	Door	Driver door window	Tests	4 Driver window auto up
Kia	Oprius	Door	Driver door window	Tests	5 Window auto down, driver side rear
Kia	Oprius	Door	Driver door window	Tests	6 Window auto up, driver side rear
Kia	Oprius	Door	Driver door window	Tests	7 Left mirror up
Kia	Oprius	Door	Driver door window	Tests	8 Left mirror down
Kia	Oprius	Door	Driver door window	Tests	9 Left mirror left
Kia	Oprius	Door	Driver door window	Tests	10 Left mirror right
Kia	Oprius	Door	Driver door window	Tests	11 Left mirror folding
Kia	Oprius	Door	Driver door window	Tests	12 Left mirror fold out
Kia	Oprius	Door	Passenger door window	Live Parameters	1 Software version
Kia	Oprius	Door	Passenger door window	Live Parameters	2 Product number
Kia	Oprius	Door	Passenger door window	Live Parameters	3 Serial number
Kia	Oprius	Door	Passenger door window	Live Parameters	4 Passenger's door lock knob switch (UNLOCK)
Kia	Oprius	Door	Passenger door window	Live Parameters	5 Passenger's rear door lock knob switch (UNLOCK)
Kia	Oprius	Door	Passenger door window	Live Parameters	6 Passenger door
Kia	Oprius	Door	Passenger door window	Live Parameters	7 Passenger window auto down
Kia	Oprius	Door	Passenger door window	Live Parameters	8 Passenger window down
Kia	Oprius	Door	Passenger door window	Live Parameters	9 Passenger window auto up
Kia	Oprius	Door	Passenger door window	Live Parameters	10 Passenger window up
Kia	Oprius	Door	Passenger door window	Live Parameters	11 Ignition status 2
Kia	Oprius	Door	Passenger door window	Live Parameters	12 Passenger Mirror Horizontal Position
Kia	Oprius	Door	Passenger door window	Live Parameters	13 Passenger Mirror Vertical Position
Kia	Oprius	Door	Passenger door window	Live Parameters	14 Power window switch state, passenger auto
Kia	Oprius	Door	Passenger door window	Live Parameters	15 Power window switch state, passenger down
Kia	Oprius	Door	Passenger door window	Live Parameters	16 Power window switch state, passenger up
Kia	Oprius	Door	Passenger door window	Live Parameters	17 Ignition power input, passenger side
Kia	Oprius	Door	Passenger door window	Live Parameters	18 Window switch state, rear passenger side auto
Kia	Oprius	Door	Passenger door window	Live Parameters	19 Rear passenger side window switch down
Kia	Oprius	Door	Passenger door window	Live Parameters	20 Rear passenger side window switch up
Kia	Oprius	Door	Passenger door window	Live Parameters	21 Ignition power input, rear passenger side
Kia	Oprius	Door	Passenger door window	Tests	1 Passenger window auto down
Kia	Oprius	Door	Passenger door window	Tests	2 Passenger window auto up
Kia	Oprius	Door	Passenger door window	Tests	3 Window auto down, passenger side rear
Kia	Oprius	Door	Passenger door window	Tests	4 Window auto up, passenger side rear
Kia	Oprius	Door	Passenger door window	Tests	5 Right mirror up
Kia	Oprius	Door	Passenger door window	Tests	6 Right mirror down
Kia	Oprius	Door	Passenger door window	Tests	7 Right mirror left
Kia	Oprius	Door	Passenger door window	Tests	8 Right mirror right
Kia	Oprius	Door	Passenger door window	Tests	9 Right mirror folding
Kia	Oprius	Door	Passenger door window	Tests	10 Right mirror fold out
Kia	Oprius	Gearbox / Automatic Trar Gearbox		ECU Information	1 Control unit (ECU)
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	1 Engine speed
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	2 Vehicle speed

Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	3 Throttle position sensor
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	4 Gearbox input speed sensor
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	5 Output speed
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	6 DCC solenoid valve duty
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	7 Damper clutch control, rpm slip
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	8 Low reverse solenoid duty
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	9 Underdrive solenoid duty
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	10 Second solenoid duty
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	11 Underdrive solenoid duty
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	12 Reduction solenoid
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	13 Engine oil temperature
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	14 Gear position
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	15 Select lever switch
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	16 AC switch
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	17 Brake switch
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	18 Sport program
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	19 Upshift Switch Circuit
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	20 Downshift Switch Circuit
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	21 A/T converter relay voltage
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	22 Engine torque
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Live Parameters	23 Hivec mode
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Tests	1 AT control relay
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Tests	2 Solenoid valve reverse gear
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Tests	3 Underdrive solenoid valve
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Tests	4 Second solenoid valve
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Tests	5 Overdrive solenoid valve
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Tests	6 Reduction solenoid valve duty
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Tests	7 Damper clutch control solenoid valve
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Tests	8 1st shift indicator on
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Tests	9 Second shift indicator on
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Tests	10 Third shift indicator on
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Tests	11 Fourth Shift indicator on
Kia	Oprius	Gearbox / Automatic Trar Gearbox		Tests	12 Fift shift indicator on
Kia	Oprius	Immobiliser	Immobiliser - Gasoline	ECU Information	1 Software version
Kia	Oprius	Immobiliser	Immobiliser - Gasoline	ECU Information	2 Product number
Kia	Oprius	Immobiliser	Immobiliser - Gasoline	ECU Information	3 Serial number
Kia	Oprius	Immobiliser	Immobiliser - Gasoline	Live Parameters	1 Status BCM
Kia	Oprius	Immobiliser	Immobiliser - Gasoline	Live Parameters	2 Key status
Kia	Oprius	Immobiliser	Immobiliser - Gasoline	Live Parameters	3 Number of keys
Kia	Oprius	Other	Seat Control Module	ECU Information	1 Software version
Kia	Oprius	Other	Seat Control Module	ECU Information	2 Product number
Kia	Oprius	Other	Seat Control Module	ECU Information	3 Serial number
Kia	Oprius	Other	Seat Control Module	Live Parameters	1 Shift lever position - P
Kia	Oprius	Other	Seat Control Module	Live Parameters	2 Reverse gear lock
Kia	Oprius	Other	Seat Control Module	Live Parameters	3 Recline motor - forward
Kia	Oprius	Other	Seat Control Module	Live Parameters	4 Recline motor - backward
Kia	Oprius	Other	Seat Control Module	Live Parameters	5 Seat forward switch
Kia	Oprius	Other	Seat Control Module	Live Parameters	6 Seat backward switch
Kia	Oprius	Other	Seat Control Module	Live Parameters	7 Horizontal front limit switch
Kia	Oprius	Other	Seat Control Module	Live Parameters	8 Horizontal rear limit switch
Kia	Oprius	Other	Seat Control Module	Live Parameters	9 Ignition status 2
Kia	Oprius	Other	Seat Control Module	Live Parameters	10 Recline sensor
Kia	Oprius	Other	Seat Control Module	Live Parameters	11 Driver seat front height adjustment sensor
Kia	Oprius	Other	Seat Control Module	Live Parameters	12 Driver seat rear height adjustment sensor
Kia	Oprius	Other	Seat Control Module	Live Parameters	13 Horizontal position
Kia	Oprius	Other	Seat Control Module	Tests	1 Seat forward
Kia	Oprius	Other	Seat Control Module	Tests	2 Seat backward
Kia	Oprius	Other	Seat Control Module	Tests	3 Recline motor - forward
Kia	Oprius	Other	Seat Control Module	Tests	4 Recline motor - backward
Kia	Oprius	Other	Seat Control Module	Tests	5 Seat height front, up
Kia	Oprius	Other	Seat Control Module	Tests	6 Seat height front, down

Kia	Oprius	Other	Seat Control Module	Tests	7 Seat height rear, up
Kia	Oprius	Other	Seat Control Module	Tests	8 Seat height rear, down
Kia	Oprius	Restraints	Airbag	ECU Information	1 Airbag system information
Kia	Oprius	Steering	Power steering	ECU Information	1 Software version
Kia	Oprius	Steering	Power steering	ECU Information	2 Product number
Kia	Oprius	Steering	Power steering	ECU Information	3 Serial number
Kia	Oprius	Steering	Power steering	Live Parameters	1 Steering column, up
Kia	Oprius	Steering	Power steering	Live Parameters	2 Steering column, down
Kia	Oprius	Steering	Power steering	Live Parameters	3 Steering column, back
Kia	Oprius	Steering	Power steering	Live Parameters	4 Steering column, forward
Kia	Oprius	Steering	Power steering	Live Parameters	5 Ignition status 2
Kia	Oprius	Steering	Power steering	Live Parameters	6 Tilt position
Kia	Oprius	Steering	Power steering	Live Parameters	7 Telescope position sensor
Kia	Oprius	Steering	Power steering	Tests	1 Steering column, up
Kia	Oprius	Steering	Power steering	Tests	2 Steering column, down
Kia	Oprius	Steering	Power steering	Tests	3 Steering column, forward
Kia	Oprius	Steering	Power steering	Tests	4 Steering column, back
Kia	Optima	Body Control Module	Body control module	Adaptations	1 Automatic door locking
Kia	Optima	Body Control Module	Body control module	Adaptations	2 Door Unlock Status
Kia	Optima	Body Control Module	Body control module	Adaptations	3 Head lamp escort
Kia	Optima	Body Control Module	Body control module	ECU Information	1 Control unit ID
Kia	Optima	Body Control Module	Body control module	ECU Information	2 Manufacturing date
Kia	Optima	Body Control Module	Body control module	ECU Information	3 Software version
Kia	Optima	Body Control Module	Body control module	ECU Information	4 Hardware version
Kia	Optima	Body Control Module	Body control module	ECU Information	5 (CAN bus)
Kia	Optima	Body Control Module	Body control module	Live Parameters	1 Key-in switch
Kia	Optima	Body Control Module	Body control module	Live Parameters	2 ACC
Kia	Optima	Body Control Module	Body control module	Live Parameters	3 Ignition 1
Kia	Optima	Body Control Module	Body control module	Live Parameters	4 Ignition 2
Kia	Optima	Body Control Module	Body control module	Live Parameters	5 Taillight switch
Kia	Optima	Body Control Module	Body control module	Live Parameters	6 Headlamp switch
Kia	Optima	Body Control Module	Body control module	Live Parameters	7 Automatic lighting button
Kia	Optima	Body Control Module	Body control module	Live Parameters	8 Headlamp switch
Kia	Optima	Body Control Module	Body control module	Live Parameters	9 Front fogs switch
Kia	Optima	Body Control Module	Body control module	Live Parameters	10 Button rear fog lights
Kia	Optima	Body Control Module	Body control module	Live Parameters	11 Front Washer Switch
Kia	Optima	Body Control Module	Body control module	Live Parameters	12 Windscreen wiper interval
Kia	Optima	Body Control Module	Body control module	Live Parameters	13 Single wipe
Kia	Optima	Body Control Module	Body control module	Live Parameters	14 Key inter lock switch (manual key type)
Kia	Optima	Body Control Module	Body control module	Live Parameters	15 Stop light switch
Kia	Optima	Body Control Module	Body control module	Live Parameters	16 RPAS off switch
Kia	Optima	Body Control Module	Body control module	Live Parameters	17 Interior lamps output
Kia	Optima	Body Control Module	Body control module	Live Parameters	18 Foot lamp output
Kia	Optima	Body Control Module	Body control module	Live Parameters	19 Ignition key hole illumination(Manual key type)
Kia	Optima	Body Control Module	Body control module	Live Parameters	20 Automatic light system
Kia	Optima	Body Control Module	Body control module	Live Parameters	21 Tail AV
Kia	Optima	Body Control Module	Body control module	Live Parameters	22 Key inter lock switch (manual key type)
Kia	Optima	Body Control Module	Body control module	Live Parameters	23 Alarm LED
Kia	Optima	Body Control Module	Body control module	Live Parameters	24 Passenger seatbelt indicator
Kia	Optima	Body Control Module	Body control module	Live Parameters	25 Navi wakeup signal output
Kia	Optima	Body Control Module	Body control module	Live Parameters	26 Front wiper slow
Kia	Optima	Body Control Module	Body control module	Live Parameters	27 Head lamp low signal output
Kia	Optima	Body Control Module	Body control module	Live Parameters	28 Headlamp washer relay
Kia	Optima	Body Control Module	Body control module	Live Parameters	29 RPAS off indicator
Kia	Optima	Body Control Module	Body control module	Live Parameters	30 RPAS warning signal
Kia	Optima	Body Control Module	Body control module	Live Parameters	31 CCU internal buzzer
Kia	Optima	Body Control Module	Body control module	Live Parameters	32 Daytime running lights
Kia	Optima	Body Control Module	Body control module	Live Parameters	33 Relay, rear fog lamp
Kia	Optima	Body Control Module	Body control module	Live Parameters	34 Rear Defogger
Kia	Optima	Body Control Module	Body control module	Live Parameters	35 Crash signal
Kia	Optima	Body Control Module	Body control module	Live Parameters	36 Inhibitor switch :R

Kia	Optima	Body Control Module	Body control module	Live Parameters	37 ATM solenoid (Automatic transmission)
Kia	Optima	Body Control Module	Body control module	Live Parameters	38 Battery voltage monitoring input
Kia	Optima	Body Control Module	Body control module	Live Parameters	39 Interval wiping
Kia	Optima	Body Control Module	Body control module	Live Parameters	40 Light sensor
Kia	Optima	Body Control Module	Body control module	Live Parameters	41 Left rear seatbelt buckle switch
Kia	Optima	Body Control Module	Body control module	Live Parameters	42 Rear centre seat belt switch
Kia	Optima	Body Control Module	Body control module	Live Parameters	43 Rear right side seat belt switch
Kia	Optima	Body Control Module	Body control module	Live Parameters	44 Left Rear Seat Belt Indicator
Kia	Optima	Body Control Module	Body control module	Live Parameters	45 Rear Middle Seat Belt Indicator
Kia	Optima	Body Control Module	Body control module	Live Parameters	46 Right Rear Seat Belt Indicator
Kia	Optima	Body Control Module	Body control module	Live Parameters	47 RL Seat Heating Switch (Rear Left)
Kia	Optima	Body Control Module	Body control module	Live Parameters	48 RR Seat Heating Switch (Rear Right)
Kia	Optima	Body Control Module	Body control module	Live Parameters	49 RL Seat Heating Switch (Rear Left) Output
Kia	Optima	Body Control Module	Body control module	Live Parameters	50 RR Seat Heating Switch (Rear Right) Output
Kia	Optima	Body Control Module	Body control module	Live Parameters	51 Key status
Kia	Optima	Body Control Module	Body control module	Live Parameters	52 Number of registered immobilizer key
Kia	Optima	Body Control Module	Body control module	Tests	1 Wiper relay on/off
Kia	Optima	Body Control Module	Body control module	Tests	2 Headlamp washer relay
Kia	Optima	Body Control Module	Body control module	Tests	3 Relay, rear fog lamp
Kia	Optima	Body Control Module	Body control module	Tests	4 Interior light illumination
Kia	Optima	Body Control Module	Body control module	Tests	5 Floor Lamp
Kia	Optima	Body Control Module	Body control module	Tests	6 Ignition key hole illumination(Manual key type)
Kia	Optima	Body Control Module	Body control module	Tests	7 LED for burglar alarm
Kia	Optima	Body Control Module	Body control module	Tests	8 Passenger seatbelt indicator
Kia	Optima	Body Control Module	Body control module	Tests	9 Key lock solenoid
Kia	Optima	Body Control Module	Body control module	Tests	10 RPAS/R buzzer output(option)
Kia	Optima	Body Control Module	Body control module	Tests	11 RPAS off switch indicator
Kia	Optima	Body Control Module	Body control module	Tests	12 Left Rear Seat Belt Indicator
Kia	Optima	Body Control Module	Body control module	Tests	13 Rear Middle Seat Belt Indicator
Kia	Optima	Body Control Module	Body control module	Tests	14 Right Rear Seat Belt Indicator
Kia	Optima	Body Control Module	Body control module	Tests	15 Seat heating left rear seat
Kia	Optima	Body Control Module	Body control module	Tests	16 Seat heating right rear seat
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Adaptations	1 Gyrometer/accelerometer sensor calibration
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	ECU Information	1 Vehicle type
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	ECU Information	2 Software version
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	ECU Information	3 Software version
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	1 Engine speed
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	2 Vehicle speed
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	3 Throttle position
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	4 Shift lever position
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	5 Battery positive voltage
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	6 Front left wheel speed sensor
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	7 Front right wheel speed sensor
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	8 Rear left wheel speed sensor
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	9 Rear right wheel speed sensor
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	10 G Sensor (longitudinal)
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	11 ABS warning lamp
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	12 EBD warning lamp
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	13 TCS/ESP warning lamp
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	14 ASR/ESP warning lamp OFF
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	15 Status ESP switch
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	16 Brake light switch, normally open contact
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	17 Brake switch [NC] -ESP only
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	18 Emergency braking (hazard warning flashers)
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	19 Motor relay
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	20 valve relay
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	21 Hill assist brake lamp
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	22 ESS brake lamp [ESS only]
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	23 Motor
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	24 Inlet valve front left
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	25 Inlet valve front right

Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	26 Inlet valve rear left
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	27 Inlet valve rear right
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	28 Outlet valve front left
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	29 Outlet valve front right
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	30 Outlet valve rear left
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	31 Outlet valve rear right
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	32 TCS valve (USV 1)
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	33 TCS valve (USV 2)
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	34 ESP valve (HSV 1)
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	35 ESP valve (HSV 2)
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	36 Steering Angel Sensor
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	37 Lateral acceleration sensor
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	38 Yaw rate
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	39 Pressure sensor - positive(ESP only)
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	40 Pressure sensor - Negative(ESP only)
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	41 Brake pedal travel sensor - PDT
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Live Parameters	42 Brake pedal travel sensor - PDF
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	1 Motor
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	2 Inlet valve front left
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	3 Inlet valve front right
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	4 Inlet valve rear left
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	5 Inlet valve rear right
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	6 Outlet valve front left
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	7 Outlet valve front right
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	8 Outlet valve rear left
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	9 Outlet valve rear right
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	10 TCS Valve Left front
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	11 TCS Valve Right front
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	12 Electric shuttle Valve Right front
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	13 Electric shuttle Valve Left front
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	14 DBC/HAC brake lamp relay(DBC/HAC Only)
Kia	Optima	Brake System	ABS/ESP - electronic stability program Hybrid	Tests	15 ESS Brake lamp relay(ESS Only)
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Adaptations	1 Gyrometer/accelerometer sensor calibration
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Adaptations	2 Calibration of steering angle sensor
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	ECU Information	1 Vehicle type
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	ECU Information	2 Software version
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	ECU Information	3 Software version
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	1 Engine speed
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	2 Vehicle speed
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	3 Throttle position
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	4 Shift lever position
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	5 Battery positive voltage
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	6 Front left wheel speed sensor
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	7 Front right wheel speed sensor
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	8 Rear left wheel speed sensor
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	9 Rear right wheel speed sensor
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	10 G Sensor (longitudinal)
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	11 ABS warning lamp
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	12 EBD warning lamp
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	13 TCS/ESP warning lamp
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	14 ASR/ESP warning lamp OFF
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	15 Status ESP switch
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	16 Brake light switch, normally open contact
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	17 Brake switch [NC] -ESP only
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	18 Emergency braking (hazard warning flashers)
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	19 Motor relay
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	20 valve relay
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	21 Hill assist brake lamp
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	22 ESS brake lamp [ESS only]
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	23 Motor
Kia	Optima	Brake System	ABS/ESP - electronic stability program No hybrid	Live Parameters	24 Inlet valve front left

Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	25 Inlet valve front right
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	26 Inlet valve rear left
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	27 Inlet valve rear right
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	28 Outlet valve front left
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	29 Outlet valve front right
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	30 Outlet valve rear left
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	31 Outlet valve rear right
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	32 TCS valve (USV 1)
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	33 TCS valve (USV 2)
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	34 ESP valve (HSV 1)
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	35 ESP valve (HSV 2)
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	36 Steering Angel Sensor
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	37 Lateral acceleration sensor
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	38 Yaw rate
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	39 Pressure sensor - positive(ESP only)
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Live Parameters	40 Pressure sensor - Negative(ESP only)
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	1 Motor
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	2 Inlet valve front left
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	3 Inlet valve front right
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	4 Inlet valve rear left
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	5 Inlet valve rear right
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	6 Outlet valve front left
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	7 Outlet valve front right
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	8 Outlet valve rear left
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	9 Outlet valve rear right
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	10 TCS Valve Left front
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	11 TCS Valve Right front
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	12 Electric shuttle Valve Right front
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	13 Electric shuttle Valve Left front
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	14 DBC/HAC brake lamp relay(DBC/HAC Only)
Kia	Optima	Brake System	ABS/ESP - electronic stability program	No hybrid	Tests	15 ESS Brake lamp relay(ESS Only)
Kia	Optima	Climate Control	Climate control	CAN	ECU Information	1 Vehicle information
Kia	Optima	Climate Control	Climate control	CAN	ECU Information	2 Control unit ID
Kia	Optima	Climate Control	Climate control	CAN	ECU Information	3 System name
Kia	Optima	Climate Control	Climate control	CAN	ECU Information	4 Software version
Kia	Optima	Climate Control	Climate control	CAN	Live Parameters	1 Interior temperature sensor 1
Kia	Optima	Climate Control	Climate control	CAN	Live Parameters	2 Ambient temperature
Kia	Optima	Climate Control	Climate control	CAN	Live Parameters	3 Sensor, evaporator
Kia	Optima	Climate Control	Climate control	CAN	Live Parameters	4 Sun sensor, driver side
Kia	Optima	Climate Control	Climate control	CAN	Live Parameters	5 Air mix door potentiometer-driver
Kia	Optima	Climate Control	Climate control	CAN	Live Parameters	6 Direction potentiometer-Driver
Kia	Optima	Climate Control	Climate control	CAN	Live Parameters	7 Passanger photo sensor
Kia	Optima	Climate Control	Climate control	CAN	Live Parameters	8 Air mix door potentiometer - passanger
Kia	Optima	Climate Control	Climate control	CAN	Live Parameters	9 Air intake potentiometer
Kia	Optima	Climate Control	Climate control	CAN	Tests	1 Blower fan motor off command
Kia	Optima	Climate Control	Climate control	CAN	Tests	2 Blower fan motor-drive low
Kia	Optima	Climate Control	Climate control	CAN	Tests	3 Blower fan motor-drive medium
Kia	Optima	Climate Control	Climate control	CAN	Tests	4 Blower fan motor-drive high
Kia	Optima	Climate Control	Climate control	CAN	Tests	5 Driver air mix door-drive 0%
Kia	Optima	Climate Control	Climate control	CAN	Tests	6 Driver air mix door-drive 50%
Kia	Optima	Climate Control	Climate control	CAN	Tests	7 Driver air mix door-drive 100%
Kia	Optima	Climate Control	Climate control	CAN	Tests	8 Passenger air mix door-drive 0%
Kia	Optima	Climate Control	Climate control	CAN	Tests	9 Passenger air mix door-drive 50%
Kia	Optima	Climate Control	Climate control	CAN	Tests	10 Passenger air mix door-drive 100%
Kia	Optima	Climate Control	Climate control	CAN	Tests	11 Driver mode door-vent
Kia	Optima	Climate Control	Climate control	CAN	Tests	12 Driver mode door-floor
Kia	Optima	Climate Control	Climate control	CAN	Tests	13 Driver mode door-def
Kia	Optima	Climate Control	Climate control	CAN	Tests	14 Fresh air
Kia	Optima	Climate Control	Climate control	CAN	Tests	15 air circulation
Kia	Optima	Climate Control	Climate control	CAN	Tests	16 PTC heater drive request: On
Kia	Optima	Climate Control	Climate control	KWP	ECU Information	1 Vehicle information

Kia	Optima	Climate Control	Climate control	KWP	ECU Information	2 Control unit ID
Kia	Optima	Climate Control	Climate control	KWP	ECU Information	3 System name
Kia	Optima	Climate Control	Climate control	KWP	ECU Information	4 Software version
Kia	Optima	Climate Control	Climate control	KWP	ECU Information	5 Version index
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	1 Interior temperature sensor 1
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	2 Ambient temperature
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	3 Sensor, evaporator
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	4 Sun sensor, driver side
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	5 Air mix door potentiometer-driver
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	6 Direction potentiometer-Driver
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	7 Passanger photo sensor
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	8 Air mix door potentiometer - passanger
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	9 Air intake potentiometer
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	10 Air humidity sensor
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	11 Direction Control Motor -AUTO Defog
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	12 Vehicle speed
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	13 Engine coolant temperature sensor
Kia	Optima	Climate Control	Climate control	KWP	Live Parameters	14 A/C compressor status
Kia	Optima	Climate Control	Climate control	KWP	Tests	1 Driver air mix door-drive 0%
Kia	Optima	Climate Control	Climate control	KWP	Tests	2 Driver air mix door-drive 50%
Kia	Optima	Climate Control	Climate control	KWP	Tests	3 Driver air mix door-drive 100%
Kia	Optima	Climate Control	Climate control	KWP	Tests	4 Passenger air mix door-drive 0%
Kia	Optima	Climate Control	Climate control	KWP	Tests	5 Passenger air mix door-drive 50%
Kia	Optima	Climate Control	Climate control	KWP	Tests	6 Passenger air mix door-drive 100%
Kia	Optima	Climate Control	Climate control	KWP	Tests	7 Driver mode door-vent
Kia	Optima	Climate Control	Climate control	KWP	Tests	8 Driver mode door-floor
Kia	Optima	Climate Control	Climate control	KWP	Tests	9 Driver mode door-def
Kia	Optima	Climate Control	Climate control	KWP	Tests	10 Fresh air
Kia	Optima	Climate Control	Climate control	KWP	Tests	11 air circulation
Kia	Optima	Climate Control	Climate control	KWP	Tests	12 Blower fan motor off command
Kia	Optima	Climate Control	Climate control	KWP	Tests	13 Blower stage 1
Kia	Optima	Climate Control	Climate control	KWP	Tests	14 Blower stage 2
Kia	Optima	Climate Control	Climate control	KWP	Tests	15 Blower stage 3
Kia	Optima	Climate Control	Climate control	KWP	Tests	16 Blower stage 4
Kia	Optima	Climate Control	Climate control	KWP	Tests	17 Blower stage 5
Kia	Optima	Climate Control	Climate control	KWP	Tests	18 Blower stage 6
Kia	Optima	Climate Control	Climate control	KWP	Tests	19 Blower stage 7
Kia	Optima	Climate Control	Climate control	KWP	Tests	20 Blower stage 8
Kia	Optima	Climate Control	Climate control	KWP	Tests	21 ECON active
Kia	Optima	Climate Control	Climate control	KWP	Tests	22 ECO MODE Cancel
Kia	Optima	Climate Control	Climate control	KWP	Tests	23 Defroster door - Open
Kia	Optima	Climate Control	Climate control	KWP	Tests	24 Defroster door - Closed
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Adaptations	1 Lambda sensor change
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Adaptations	2 Rail pressure sensor change
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Adaptations	3 Catalytic particle filter (CPF) change
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Adaptations	4 Differential pressure sensor (Particle filter) change
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Adaptations	5 Swirl control valve change
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Adaptations	6 Throttle valve, adaption
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Adaptations	7 Mass air flow sensor replacement
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Adaptations	8 Accelerator pedal calibration
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Adaptations	9 EGR valve change
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Adaptations	10 Injector programming
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		ECU Information	1 ECU hardware number
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		ECU Information	2 ECU software number
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Live Parameters	1 MIL status
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Live Parameters	2 Battery voltage
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Live Parameters	3 Cooling fan low speed
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Live Parameters	4 Boost pressure sensor
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Live Parameters	5 Air mass flow
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Live Parameters	6 Accelerator pedal position sensor
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI		Live Parameters	7 fuel pressure

Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	8 Air mass meter
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	9 EGR actuator
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	10 Barometric pressure sensor
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	11 IAT - Intake air temperature
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	12 Water temperature
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	13 Clutch pedal switch
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	14 Control of AC compressor
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	15 Gearbox neutral status
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	16 Brake switch 2
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	17 Brake switch 1
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	18 A/C low pressure cycling switch
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	19 Blower switch
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	20 Ignition lock
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	21 Accelerator Pedal Position sensor 1
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	22 Accelerator Pedal Position Sensor 2
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	23 Glow plug relay
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	24 Fuel quantity
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	25 Vehicle speed
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	26 Cooling fan high speed
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	27 VGT valve actuator
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	28 Fuel temperature sensor
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	29 Engine status
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	30 PTC heater relay
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	31 Immobilizer status lamp
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	32 Engine speed
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	33 Output of fuel metering unit (mprop)
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	34 Air conditioner pressure signal
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	35 A/C pressure sensor
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	36 Variable swirl control actuator
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	37 Exhaust temperature Sensor 2
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	38 Differential pressure sensor
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	39 Throttle actuator
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	40 Lambda sensor
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	41 Adaption current state
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	42 Oil level
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	43 Engine oil level (Filtering value)
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	44 Oil temperature sensor
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	45 Mean value oil level
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	46 Oil Level Status
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	47 Exhaust gas temp pre catalytic particle filter(CPF)
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	48 Calculated engine load
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	49 Boost pressure sensor
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	50 Air inlet temperature sensor
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	51 Air mass flow
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	52 Rail pressure linearised
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	53 Mass air flow per cylinder
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	54 Current injection quantity
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	55 Exhaust Gas Recirculation controller
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	56 Variable Swirl Actuator Duty Cycle
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	57 Status 'Check engine lamp'
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	58 Malfunction indicator lamp (MIL)
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	59 Actual engine temperature
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	60 Vehicle acceleration
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	61 Current injection quantity
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	62 AT/MT (Gearbox) information
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	63 Cruise control status
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	64 TCS
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	65 MSR
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	66 Status ABS
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	67 Torque reduction request
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	68 Torque reduction request

Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	69 Average engine speed
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	70 Ratio of throttle valve
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	71 Glow control relay status
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	72 Intake air temperature (raw value)
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	73 Desired injection quantity of MI1
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	74 Desired injection quantity of Pil1
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	75 Desired injection quantity of Pil2
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	76 Desired injection quantity of Pil3
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	77 Desired injection quantity of Pol1
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	78 Desired injection quantity of Pol2
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	79 Current injection quantity
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	80 Rail pressure (raw value)
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	81 Distance driven with MIL on (km)
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	82 Main relay error counter
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	83 Running time with Malfunction Indicator Lamp (MIL) ON
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	84 VSA position
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	85 Variable Swirl Actuator Duty Cycle
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	86 VSA Valve first learnt value
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	87 VSA valve last learnt value
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	88 DPF (Diesel Particulate Filter) Differential Pressure
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	89 ISG system built-in
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	90 ISG status(ISG)
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	91 AMS stop reason - blower max switch
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	92 Gear is in neutral position(manual transmission only)
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	93 Starter condition
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	94 Starter Request Circuit
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	95 Clutch is pushed more than 10%
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	96 Idle stop request by drivers demand
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	97 Drivers seatbelt
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	98 Driver's door
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	99 Hood switch
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	100 Battery current value
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	101 Battery voltage
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	102 Battery temperature
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	103 State of Charge
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	104 Battery status
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	105 Battery current value
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	106 Brake booster pressure sensor
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	107 Brake booster pressure sensor volt
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	108 No idle stop by fuel system
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	109 No idle stop by torque system
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	110 No idle stop by exhaust system
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	111 No idle stop by vehicle speed condition
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	112 No idle stop by ISG component error
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	113 No idle stop by operation data
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	114 No idle stop by air conditioning system
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	115 No idle stop by invalid battery sensor data
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	116 No idle stop by engine temperature
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	117 No idle stop by safety driver door seat belt hood switch
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	118 No idle stop by regeneration
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	119 No idle stop by time since the engine start to low
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	120 No idle stop by ISG inhibit switch
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Live Parameters	121 No idle stop by high engine speed
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	1 A/C compressor relay status
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	2 Malfunction indicator lamp (MIL)
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	3 PTC heater relay
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	4 Cooling fan high speed
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	5 Cruise control lamp
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	6 Cruise control set lamp
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	7 Glow lamp control
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	8 Glowplug relay

Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	9 Boost pressure actuator 5%
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	10 Boost pressure actuator 95%
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	11 EGR valve 5%
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	12 EGR valve 95%
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	13 Throttle valve actuator 5%
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	14 Throttle valve actuator 95%
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	15 Variable swirl control actuator 5%
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	16 Variable swirl control actuator 95%
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	17 Cooling fan low speed
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	18 ISG inhibit lamp
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	19 ISG test
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	20 Throttle unit 5%
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	21 Throttle unit 95%
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	22 EGR cooling by pass 5%
Kia	Optima	Engine Diesel	D4FD 1,7 CRDI	Tests	23 EGR cooling by pass 95%
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Adaptations	1 Erase adaptive engine parameters
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	ECU Information	1 Software version, boot loader
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	ECU Information	2 ECU software number
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	ECU Information	3 Calibration number
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	ECU Information	4 ECU software identification
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	1 Battery voltage
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	2 Battery voltage after IG key
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	3 Engine speed
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	4 Target idle speed
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	5 Manifold absolute pressure
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	6 Intake Manifold Pressure
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	7 Water temperature
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	8 Water temperature
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	9 Ambient air temperature
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	10 Intake air temperature sensor; voltage supply
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	11 IAT - Intake air temperature
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	12 Engine oil temperature
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	13 Fuel level signal
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	14 O2 sensor binary type bank1 downstream(option)
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	15 O2 sensor linear type bank1 upstream(option)
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	16 Vehicle speed
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	17 Boost pressure, actual value
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	18 Purge control valve
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	19 Cylinder 1 injection time
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	20 Cylinder 2 injection time
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	21 Cylinder 3 injection time
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	22 Cylinder 4 injection time
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	23 MAP sensor built-in
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	24 MAF sensor built-in
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	25 Immobilizer built-in
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	26 Ignition lock
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	27 Malfunction indicator lamp (MIL)
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	28 Fuel pump
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	29 Main relay
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	30 Throttle position for idle
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	31 Brake light switch
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	32 Brake test switch
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	33 Pressure control power steering
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	34 Catalyst heating
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	35 Lambda Sensor Closed Loop
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	36 AC requested
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	37 Operating state AC
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	38 A/C compressor
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	39 Fuel shutoff valve
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	40 W/O throttle position
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	41 Engine running

Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	42 EVAP Purge Solenoid Valve Control Circuit
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	43 Synchronization succeeded
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	44 Low speed radiator fan relay
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	45 High speed radiator fan relay
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	46 Condition O2 sensor upstream catalyst is ready for operation-bank1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	47 Condition O2 sensor downstream catalyst is ready for operation-bank1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	48 Rear Lambda Sensor Fuel Trim - Bank 1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	49 Overheat Protection Mode Active
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	50 IVVT Controller active - intake
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	51 Continuous variable valve timing (CVVT), exhaust
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	52 Knock detected - S1B1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	53 Reference timer started at IG ON
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	54 Engine coolant temperature at engine start.
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	55 Intake air temperature at engine start
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	56 Ignition output stage cylinder 1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	57 Ignition output stage cylinder 2
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	58 Ignition output stage cylinder 3
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	59 Ignition output stage cylinder 4
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	60 Engine Operating State
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	61 Torque converter
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	62 Calculated oil temperature
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	63 Ambient pressure
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	64 Air conditioning pressure
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	65 A/C pressure
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	66 Power steering switch
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	67 Lambda sensor 1 bank 1, internal resistance
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	68 Internal resistance, oxygen sensor downstream of catalytic converter
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	69 Requested lambda regulation, sensor 1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	70 Lambda actual value
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	71 Lambda control adaptation fuel (bank 1)
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	72 Off-duration for sensor heating upstream catalyst
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	73 Off-duration for sensor heating downstream catalyst
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	74 A/F (air-fuel ratio) adaption value at idle speed
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	75 Fuel adaptation part load (bank 1)
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	76 Knock control cylinder 1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	77 Knock control cylinder 2
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	78 Knock control cylinder 3
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	79 Knock control cylinder 4
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	80 Distance driven with MIL on (km)
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	81 Distance since DTCs cleared (km)
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	82 Throttle position sensor 1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	83 Throttle position sensor 2
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	84 Throttle position sensor
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	85 Throttle position 1 voltage
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	86 Throttle position angle 2
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	87 Accelerator pedal position
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	88 Accelerator Pedal Position sensor 1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	89 Accelerator Pedal Position Sensor 2
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	90 Motor controlled throttle
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	91 Sensor reference voltage 1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	92 Sensor reference voltage 2
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	93 Sensor Reference Voltage 3
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	94 Sensor reference voltage 4
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	95 Continuous variable valve timing (CVVT) status
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	96 Intake camshaft actual position-Bank1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	97 Exhaust camshaft actual position-Bank1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	98 Intake camshaft desired position-Bank1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	99 EX-Cam bank1 desired position
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	100 Intake oil control valve
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Live Parameters	101 VVT(Variable valve timing), exhaust oil control valve
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	1 Check engine lamp

Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	2 Fuel pump relay
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	3 A/C compressor relay status
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	4 Blower fan motor-drive high
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	5 Blower fan motor-drive low
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	6 Main relay
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	7 carbon filter solenoid valve
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	8 Oil control valve (bank1 intake)
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	9 Oil control valve(bank1 exhaust)
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	10 Ignition coil 1, control circuit
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	11 Ignition coil 2, control circuit
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	12 Ignition coil 3, control circuit
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	13 Ignition coil 4, control circuit
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	14 Injector Disable-Cylinder 1
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	15 Injector Disable-Cylinder 2
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	16 Injector Disable-Cylinder 3
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	17 Injector Disable-Cylinder 4
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	18 Throttle position circuit
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	19 Front O2 sensor heater wire
Kia	Optima	Engine Petrol	G4NE 2,0 Hybrid vehicle system	Tests	20 Rear O2 sensor heater wire
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	ECU Information	1 ECU software number
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	ECU Information	2 Calibration Identification
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	1 Engine speed
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	2 Vehicle speed
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	3 Throttle positioner angle
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	4 Accelerator pedal position sensor
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	5 Input speed
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	6 Output speed
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	7 Oil temperature sensor
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	8 Gearbox ratio
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	9 Engine torque
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	10 Shift lever switch AT
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	11 Current gear
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	12 Next gear position
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	13 Torque converter clutch pressure control
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	14 Brake switch
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	15 Cruise control switch
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	16 Sport mode
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	17 Upshift Switch Circuit
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	18 Downshift Switch Circuit
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	19 Number of DTC
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	20 Malfunction indicator lamp (MIL)
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	21 Shift control solenoid valve E
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	22 Shift control solenoid valve F
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	23 Shift control solenoid valve A
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	24 Shift control solenoid valve B
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	25 Shift control solenoid valve C
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	26 Shift control solenoid valve D
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	27 Pressure control solenoid valve A
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	28 Oil pump control
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	29 Oil pump control circuit
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	30 Transmission Cooler Oil pump Status
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	31 Gear change
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	32 Blue drive switch
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	33 Service lamp
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	34 Transmission in limp home mode
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	35 TCU (Transmission control unit) mode
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	36 Max pump motor current
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	37 Oil pump unit (OPU) Input current
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	38 Gearbox/Clutch status
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	39 Torque Converter Clutch Solenoid Pressure - Commanded
Kia	Optima	Gearbox / Automatic Trar Gearbox	Hybrid	Live Parameters	40 Clutch solenoid

Kia	Optima	Gearbox / Automatic Trar Gearbox		Hybrid	Live Parameters	41 Help pump gearbox oil control unit Read only memory (ROM)
Kia	Optima	Gearbox / Automatic Trar Gearbox		Hybrid	Live Parameters	42 Help pump gearbox oil control unit, hybrid-/electric vehicle battery isolation voltage sens
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	ECU Information	1 ECU hardware number
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	ECU Information	2 Software version, boot loader
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	ECU Information	3 ECU software number
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	ECU Information	4 Calibration Identification
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	1 Input speed
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	2 Output speed
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	3 Shift lever switch AT
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	4 Current gear
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	5 Next gear position
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	6 Oil temperature sensor
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	7 Engine speed
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	8 Gearbox ratio
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	9 Torque converter clutch pressure control
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	10 Torque converter clutch slip
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	11 Vehicle speed
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	12 Engine torque
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	13 Sport mode
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	14 Upshift Switch Circuit
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	15 Downshift Switch Circuit
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	16 Throttle positioner angle
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	17 Accelerator pedal position sensor
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	18 Brake switch
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	19 Malfunction indicator lamp (MIL)
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	20 Shift control solenoid valve A
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	21 Shift control solenoid valve B
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	22 Shift control solenoid valve C
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	23 Shift control solenoid valve D
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	24 Shift control solenoid valve E
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	25 Shift control solenoid valve F
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	26 Pressure control solenoid valve A
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Live Parameters	27 Torque converter clutch solenoid
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Tests	1 Shift control solenoid valve A
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Tests	2 Shift control solenoid valve B
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Tests	3 Shift control solenoid valve C
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Tests	4 Shift control solenoid valve D
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Tests	5 Shift control solenoid valve E
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Tests	6 Shift control solenoid valve F
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Tests	7 Pressure control solenoid valve A
Kia	Optima	Gearbox / Automatic Trar Gearbox		No Hybrid	Tests	8 Torque converter clutch solenoid
Kia	Optima	Headlight	Headlights		ECU Information	1 Vehicle ID
Kia	Optima	Headlight	Headlights		ECU Information	2 Control unit ID
Kia	Optima	Headlight	Headlights		ECU Information	3 System name
Kia	Optima	Headlight	Headlights		ECU Information	4 Manufacturing date
Kia	Optima	Headlight	Headlights		ECU Information	5 Hardware version
Kia	Optima	Headlight	Headlights		ECU Information	6 Software version
Kia	Optima	Headlight	Headlights		ECU Information	7 Software version, boot loader
Kia	Optima	Headlight	Headlights		Live Parameters	1 Vehicle speed
Kia	Optima	Headlight	Headlights		Live Parameters	2 Clutch actuator position
Kia	Optima	Headlight	Headlights		Live Parameters	3 Angle sensor
Kia	Optima	Headlight	Headlights		Live Parameters	4 Rear height sensor
Kia	Optima	Headlight	Headlights		Live Parameters	5 Supply voltage
Kia	Optima	Headlight	Headlights		Live Parameters	6 Headlamp Levelling Device Status
Kia	Optima	Headlight	Headlights		Tests	1 Head lamp leveling Min (Low) position
Kia	Optima	Headlight	Headlights		Tests	2 Head lamp leveling Max (High) position
Kia	Optima	Headlight	Headlights		Tests	3 Head lamp leveling normal position
Kia	Optima	Immobiliser	Immobiliser		Live Parameters	1 Number of enabled keys
Kia	Optima	Immobiliser	Immobiliser		Live Parameters	2 ECU status
Kia	Optima	Immobiliser	Immobiliser		Live Parameters	3 Key status
Kia	Optima	Immobiliser	Immobiliser		Live Parameters	4 SMARTRA status

Kia	Optima	Instrument / Dashboard	Dashboard	ECU Information	1 Control unit ID
Kia	Optima	Instrument / Dashboard	Dashboard	ECU Information	2 Manufacturing date
Kia	Optima	Instrument / Dashboard	Dashboard	ECU Information	3 Software version
Kia	Optima	Instrument / Dashboard	Dashboard	ECU Information	4 Hardware version
Kia	Optima	Instrument / Dashboard	Dashboard	ECU Information	5 (CAN bus)
Kia	Optima	Instrument / Dashboard	Dashboard	Live Parameters	1 Ignition 1
Kia	Optima	Instrument / Dashboard	Dashboard	Live Parameters	2 Ignition 2
Kia	Optima	Instrument / Dashboard	Dashboard	Live Parameters	3 Cruise main lamp
Kia	Optima	Instrument / Dashboard	Dashboard	Live Parameters	4 Front fog lamp indicator
Kia	Optima	Instrument / Dashboard	Dashboard	Live Parameters	5 Main beam indicator lamp
Kia	Optima	Instrument / Dashboard	Dashboard	Live Parameters	6 Door open indicator
Kia	Optima	Instrument / Dashboard	Dashboard	Live Parameters	7 P inhibit output
Kia	Optima	Instrument / Dashboard	Dashboard	Live Parameters	8 R inhibit output
Kia	Optima	Instrument / Dashboard	Dashboard	Live Parameters	9 Seat belt warning lamp
Kia	Optima	Instrument / Dashboard	Dashboard	Live Parameters	10 N inhibit output
Kia	Optima	Instrument / Dashboard	Dashboard	Live Parameters	11 D inhibit output
Kia	Optima	Instrument / Dashboard	Dashboard	Live Parameters	12 Fuel level input
Kia	Optima	Instrument / Dashboard	Dashboard	Live Parameters	13 Battery voltage on CLU (Central locking Unit)
Kia	Optima	Instrument / Dashboard	Dashboard	Tests	1 Cruise control lamp
Kia	Optima	Instrument / Dashboard	Dashboard	Tests	2 Seat belt warning lamp
Kia	Optima	Instrument / Dashboard	Dashboard	Tests	3 Door open indicator
Kia	Optima	Other	Active air flap	ECU Information	1 ECU hardware number
Kia	Optima	Other	Active air flap	ECU Information	2 Repair shop or tester serial number
Kia	Optima	Other	Active air flap	Live Parameters	1 Active air flap status
Kia	Optima	Other	Active air flap	Live Parameters	2 Active air flap mode status
Kia	Optima	Other	Active air flap	Live Parameters	3 Active air flap current potentiometer status
Kia	Optima	Other	Active air flap	Live Parameters	4 Battery voltage
Kia	Optima	Other	Active air flap	Tests	1 Manually active air flap open
Kia	Optima	Other	Active air flap	Tests	2 Manually active air flap close
Kia	Optima	Other	Active air flap	Tests	3 Active air flap test
Kia	Optima	Other	Keyless vehicle module	ECU Information	1 Vehicle ID
Kia	Optima	Other	Keyless vehicle module	ECU Information	2 Control unit ID
Kia	Optima	Other	Keyless vehicle module	ECU Information	3 System name
Kia	Optima	Other	Keyless vehicle module	ECU Information	4 Manufacturing date
Kia	Optima	Other	Keyless vehicle module	ECU Information	5 Software version
Kia	Optima	Other	Keyless vehicle module	ECU Information	6 Product number
Kia	Optima	Other	Keyless vehicle module	ECU Information	7 Serial number
Kia	Optima	Other	Keyless vehicle module	ECU Information	8 (CAN bus)
Kia	Optima	Other	Keyless vehicle module	ECU Information	9 Hardware version
Kia	Optima	Other	Keyless vehicle module	ECU Information	10 HMC/KMC H/W Ver
Kia	Optima	Other	Keyless vehicle module	ECU Information	11 HMC/KMC S/W ver
Kia	Optima	Other	Keyless vehicle module	Live Parameters	1 Start-stop button 2
Kia	Optima	Other	Keyless vehicle module	Live Parameters	2 ACC
Kia	Optima	Other	Keyless vehicle module	Live Parameters	3 Ignition 1
Kia	Optima	Other	Keyless vehicle module	Live Parameters	4 Gearshift P position (AT) / Clutch (MT)
Kia	Optima	Other	Keyless vehicle module	Live Parameters	5 Driver door handle toggle button switch
Kia	Optima	Other	Keyless vehicle module	Live Parameters	6 Assist door handle toggle button switch
Kia	Optima	Other	Keyless vehicle module	Live Parameters	7 Masterkey in ignition switch
Kia	Optima	Other	Keyless vehicle module	Live Parameters	8 Start-stop button 1
Kia	Optima	Other	Keyless vehicle module	Live Parameters	9 Start relay feed back signal
Kia	Optima	Other	Keyless vehicle module	Live Parameters	10 Stop light fuse
Kia	Optima	Other	Keyless vehicle module	Live Parameters	11 Stop light switch
Kia	Optima	Other	Keyless vehicle module	Live Parameters	12 Ignition 2
Kia	Optima	Other	Keyless vehicle module	Live Parameters	13 ESCL Unlock signal
Kia	Optima	Other	Keyless vehicle module	Live Parameters	14 Engine speed
Kia	Optima	Other	Keyless vehicle module	Live Parameters	15 Vehicle speed
Kia	Optima	Other	Keyless vehicle module	Live Parameters	16 ESCL battery output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	17 ESCL ground output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	18 A/C Relay
Kia	Optima	Other	Keyless vehicle module	Live Parameters	19 Ignition 1 relay
Kia	Optima	Other	Keyless vehicle module	Live Parameters	20 Ignition 2 relay

Kia	Optima	Other	Keyless vehicle module	Live Parameters	21 Starter relay output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	22 Battery voltage monitoring input
Kia	Optima	Other	Keyless vehicle module	Live Parameters	23 External buzzer
Kia	Optima	Other	Keyless vehicle module	Live Parameters	24 ESCL (Electromechanical Steering Column Lock)
Kia	Optima	Other	Keyless vehicle module	Live Parameters	25 ESCL battery output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	26 ESCL ground output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	27 FOB holder illumination output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	28 Start stop button illumination GND output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	29 Start stop button illumination power output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	30 Start stop button LED amber
Kia	Optima	Other	Keyless vehicle module	Live Parameters	31 Start stop button LED blue/green
Kia	Optima	Other	Keyless vehicle module	Live Parameters	32 A/C relay, output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	33 ignition 1 relay output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	34 Ignition 2 relay output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	35 Starter relay output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	36 Ignition 1 OFF output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	37 ignition 2 OFF output
Kia	Optima	Other	Keyless vehicle module	Live Parameters	38 ACC output short circuit to battery
Kia	Optima	Other	Keyless vehicle module	Live Parameters	39 ACC output short circuit to ground
Kia	Optima	Other	Keyless vehicle module	Live Parameters	40 ACC input short circuit to battery
Kia	Optima	Other	Keyless vehicle module	Live Parameters	41 ACC input open
Kia	Optima	Other	Keyless vehicle module	Live Parameters	42 Ignition 1 output short circuit to battery
Kia	Optima	Other	Keyless vehicle module	Live Parameters	43 Ignition 1 output short circuit to ground
Kia	Optima	Other	Keyless vehicle module	Live Parameters	44 Ignition 1 input short circuit to battery
Kia	Optima	Other	Keyless vehicle module	Live Parameters	45 Ignition 1 input open
Kia	Optima	Other	Keyless vehicle module	Live Parameters	46 Ignition 2 output short circuit to battery
Kia	Optima	Other	Keyless vehicle module	Live Parameters	47 Ignition 2 output short circuit to ground
Kia	Optima	Other	Keyless vehicle module	Live Parameters	48 Ignition 2 input short circuit to battery
Kia	Optima	Other	Keyless vehicle module	Live Parameters	49 Ignition 2 input open
Kia	Optima	Other	Keyless vehicle module	Live Parameters	50 Starter output short circuit to battery
Kia	Optima	Other	Keyless vehicle module	Live Parameters	51 Starter output short circuit to ground (present)
Kia	Optima	Other	Keyless vehicle module	Live Parameters	52 Starter P/N SW short circuit to battery
Kia	Optima	Other	Keyless vehicle module	Live Parameters	53 Button status
Kia	Optima	Other	Keyless vehicle module	Live Parameters	54 Key n°1 is learnt
Kia	Optima	Other	Keyless vehicle module	Live Parameters	55 Key n°2 is learnt
Kia	Optima	Other	Keyless vehicle module	Live Parameters	56 SMK POWER MODE STATE
Kia	Optima	Other	Keyless vehicle module	Live Parameters	57 Number of learnt remote controls
Kia	Optima	Other	Keyless vehicle module	Tests	1 External buzzer
Kia	Optima	Other	Keyless vehicle module	Tests	2 Starter button lighting
Kia	Optima	Other	Keyless vehicle module	Tests	3 Start stop button LED blue/green
Kia	Optima	Other	Keyless vehicle module	Tests	4 FOB holder illumination
Kia	Optima	Other	Keyless vehicle module	Tests	5 Illumination start and stop button
Kia	Optima	Other	Keyless vehicle module	Tests	6 A/C Relay
Kia	Optima	Other	Keyless vehicle module	Tests	7 Ignition 1 relay
Kia	Optima	Other	Keyless vehicle module	Tests	8 Ignition 2 relay
Kia	Optima	Other	Keyless vehicle module	Tests	9 Start relay
Kia	Optima	Other	Keyless vehicle module	Tests	10 Interior antenna 1
Kia	Optima	Other	Keyless vehicle module	Tests	11 Interior antenna 2
Kia	Optima	Other	Keyless vehicle module	Tests	12 Interior trunk antenna
Kia	Optima	Other	Keyless vehicle module	Tests	13 Bumper/tailgate antenna
Kia	Optima	Other	Keyless vehicle module	Tests	14 Driver door handle antenna
Kia	Optima	Other	Keyless vehicle module	Tests	15 Passenger Side Outside Antenna
Kia	Optima	Other	Seat Control Module	ECU Information	1 Control unit ID
Kia	Optima	Other	Seat Control Module	ECU Information	2 Manufacturing date
Kia	Optima	Other	Seat Control Module	ECU Information	3 Software version
Kia	Optima	Other	Seat Control Module	ECU Information	4 Hardware version
Kia	Optima	Other	Seat Control Module	ECU Information	5 (CAN bus)
Kia	Optima	Other	Seat Control Module	Live Parameters	1 Ignition switch (ignition 1)
Kia	Optima	Other	Seat Control Module	Live Parameters	2 Button for moving seats backward
Kia	Optima	Other	Seat Control Module	Live Parameters	3 Button for moving seats forward
Kia	Optima	Other	Seat Control Module	Live Parameters	4 Driver's seatback adjustment switch, back

Kia	Optima	Other	Seat Control Module	Live Parameters	5 Driver's seatback adjustment switch, forward
Kia	Optima	Other	Seat Control Module	Live Parameters	6 Front height adjuster down button
Kia	Optima	Other	Seat Control Module	Live Parameters	7 Switch front seat height adjustment
Kia	Optima	Other	Seat Control Module	Live Parameters	8 Rear height adjuster down button
Kia	Optima	Other	Seat Control Module	Live Parameters	9 Rear height adjuster up button
Kia	Optima	Other	Seat Control Module	Live Parameters	10 Driver seat position sensor, activation status
Kia	Optima	Other	Seat Control Module	Live Parameters	11 Backrest adjustment position
Kia	Optima	Other	Seat Control Module	Live Parameters	12 Front setting height
Kia	Optima	Other	Seat Control Module	Live Parameters	13 Rear setting height
Kia	Optima	Other	Seat Control Module	Live Parameters	14 Rear height sensor
Kia	Optima	Other	Seat Control Module	Live Parameters	15 Front height sensor
Kia	Optima	Other	Seat Control Module	Live Parameters	16 Slide motor position
Kia	Optima	Other	Seat Control Module	Live Parameters	17 Recline motor position
Kia	Optima	Other	Seat Control Module	Tests	1 Seat position forward
Kia	Optima	Other	Seat Control Module	Tests	2 Seat position rearward
Kia	Optima	Other	Seat Control Module	Tests	3 Recline motor - forward
Kia	Optima	Other	Seat Control Module	Tests	4 Recline motor - backward
Kia	Optima	Other	Seat Control Module	Tests	5 Seat height front, up
Kia	Optima	Other	Seat Control Module	Tests	6 Seat height front, down
Kia	Optima	Other	Seat Control Module	Tests	7 Seat height rear, up
Kia	Optima	Other	Seat Control Module	Tests	8 Seat height rear, down
Kia	Optima	Other	Smart junction box	ECU Information	1 Control unit ID
Kia	Optima	Other	Smart junction box	ECU Information	2 Manufacturing date
Kia	Optima	Other	Smart junction box	ECU Information	3 Software version
Kia	Optima	Other	Smart junction box	ECU Information	4 Hardware version
Kia	Optima	Other	Smart junction box	ECU Information	5 (CAN bus)
Kia	Optima	Other	Smart junction box	Live Parameters	1 Left rear door opening switch
Kia	Optima	Other	Smart junction box	Live Parameters	2 Rear left door lock position switch
Kia	Optima	Other	Smart junction box	Live Parameters	3 Right rear door opening switch
Kia	Optima	Other	Smart junction box	Live Parameters	4 Rear right door lock position switch
Kia	Optima	Other	Smart junction box	Live Parameters	5 Passenger door switch
Kia	Optima	Other	Smart junction box	Live Parameters	6 Driver door switch
Kia	Optima	Other	Smart junction box	Live Parameters	7 Parking brake switch
Kia	Optima	Other	Smart junction box	Live Parameters	8 Trunk opening switch
Kia	Optima	Other	Smart junction box	Live Parameters	9 Hood switch
Kia	Optima	Other	Smart junction box	Live Parameters	10 Driver seat belt switch
Kia	Optima	Other	Smart junction box	Live Parameters	11 Passenger Seatbelt Buckle Switch
Kia	Optima	Other	Smart junction box	Live Parameters	12 Trunk Release Switch Input
Kia	Optima	Other	Smart junction box	Live Parameters	13 Brake fluid indicator switch
Kia	Optima	Other	Smart junction box	Live Parameters	14 Ignition 1
Kia	Optima	Other	Smart junction box	Live Parameters	15 Ignition 2
Kia	Optima	Other	Smart junction box	Live Parameters	16 Front fog lamp relay
Kia	Optima	Other	Smart junction box	Live Parameters	17 Tail AV
Kia	Optima	Other	Smart junction box	Live Parameters	18 Taillight relay switch
Kia	Optima	Other	Smart junction box	Live Parameters	19 High-beam headlights status
Kia	Optima	Other	Smart junction box	Live Parameters	20 Low Beam Control Circuit
Kia	Optima	Other	Smart junction box	Live Parameters	21 Front defroster relay
Kia	Optima	Other	Smart junction box	Live Parameters	22 Rear defroster relay
Kia	Optima	Other	Smart junction box	Live Parameters	23 Relay alarm horn
Kia	Optima	Other	Smart junction box	Live Parameters	24 Start inhibitor relay
Kia	Optima	Other	Smart junction box	Live Parameters	25 Relay Trunk Release
Kia	Optima	Other	Smart junction box	Live Parameters	26 Central door lock switch
Kia	Optima	Other	Smart junction box	Live Parameters	27 Power window relay
Kia	Optima	Other	Smart junction box	Live Parameters	28 Door lock switch, passenger side
Kia	Optima	Other	Smart junction box	Live Parameters	29 Door lock switch, driver side
Kia	Optima	Other	Smart junction box	Live Parameters	30 Passenger Door Key, Unlock Switch
Kia	Optima	Other	Smart junction box	Live Parameters	31 Driver door key lock switch
Kia	Optima	Other	Smart junction box	Live Parameters	32 Driver door key unlock switch
Kia	Optima	Other	Smart junction box	Live Parameters	33 Turn lamp switch, left
Kia	Optima	Other	Smart junction box	Live Parameters	34 Turn lamp switch, right
Kia	Optima	Other	Smart junction box	Live Parameters	35 Hazard Light Switch

Kia	Optima	Other	Smart junction box	Live Parameters	36 Central Door Unlock Switch
Kia	Optima	Other	Smart junction box	Live Parameters	37 Door deadlocking relay
Kia	Optima	Other	Smart junction box	Live Parameters	38 Door unlock relay - driver side
Kia	Optima	Other	Smart junction box	Live Parameters	39 All doors unlock relay
Kia	Optima	Other	Smart junction box	Live Parameters	40 All doors lock relay
Kia	Optima	Other	Smart junction box	Live Parameters	41 [Xenon]
Kia	Optima	Other	Smart junction box	Live Parameters	42 Dedicated day running lights
Kia	Optima	Other	Smart junction box	Live Parameters	43 Static curve light, left
Kia	Optima	Other	Smart junction box	Live Parameters	44 Static curve light, right
Kia	Optima	Other	Smart junction box	Live Parameters	45 Button on outside of the trunk lid
Kia	Optima	Other	Smart junction box	Tests	1 Low Beam Control Circuit
Kia	Optima	Other	Smart junction box	Tests	2 Head lamp high relay
Kia	Optima	Other	Smart junction box	Tests	3 Front fog lights
Kia	Optima	Other	Smart junction box	Tests	4 Taillight relay switch
Kia	Optima	Other	Smart junction box	Tests	5 Tail AV
Kia	Optima	Other	Smart junction box	Tests	6 Relay alarm horn
Kia	Optima	Other	Smart junction box	Tests	7 Relay Trunk Release
Kia	Optima	Other	Smart junction box	Tests	8 Starter inhibitor
Kia	Optima	Other	Smart junction box	Tests	9 Rear defroster relay
Kia	Optima	Other	Smart junction box	Tests	10 Front defroster relay
Kia	Optima	Other	Smart junction box	Tests	11 Door Lock Relay
Kia	Optima	Other	Smart junction box	Tests	12 Doors unlock relay
Kia	Optima	Other	Smart junction box	Tests	13 Door deadlocking relay
Kia	Optima	Other	Smart junction box	Tests	14 Power window relay
Kia	Optima	Other	Smart junction box	Tests	15 Left turn signal
Kia	Optima	Other	Smart junction box	Tests	16 Right Turn Signal
Kia	Optima	Other	Smart junction box	Tests	17 Warning lights & sounders
Kia	Optima	Other	Smart junction box	Tests	18 Dedicated day running lights
Kia	Optima	Other	Smart junction box	Tests	19 Static curve light, left
Kia	Optima	Other	Smart junction box	Tests	20 Static curve light, right
Kia	Optima	Parking System	Active Park Assist	ECU Information	1 Platform identification number
Kia	Optima	Parking System	Active Park Assist	ECU Information	2 System name
Kia	Optima	Parking System	Active Park Assist	ECU Information	3 Transmission
Kia	Optima	Parking System	Active Park Assist	ECU Information	4 Country type
Kia	Optima	Parking System	Active Park Assist	ECU Information	5 Test Type/Component Identifier
Kia	Optima	Parking System	Active Park Assist	ECU Information	6 ECU hardware number
Kia	Optima	Parking System	Active Park Assist	ECU Information	7 Software number
Kia	Optima	Parking System	Active Park Assist	ECU Information	8 Control unit ID
Kia	Optima	Parking System	Active Park Assist	ECU Information	9 Calibration
Kia	Optima	Parking System	Active Park Assist	ECU Information	10 ECU calibration date
Kia	Optima	Parking System	Active Park Assist	ECU Information	11 Programming date
Kia	Optima	Parking System	Active Park Assist	ECU Information	12 ECU hardware number
Kia	Optima	Parking System	Active Park Assist	ECU Information	13 ECU software version number
Kia	Optima	Parking System	Active Park Assist	Live Parameters	1 Vehicle speed
Kia	Optima	Parking System	Active Park Assist	Live Parameters	2 Battery voltage
Kia	Optima	Parking System	Active Park Assist	Live Parameters	3 External temperature
Kia	Optima	Parking System	Active Park Assist	Live Parameters	4 Trailer status
Kia	Optima	Parking System	Active Park Assist	Live Parameters	5 Status reverse gear
Kia	Optima	Parking System	Active Park Assist	Live Parameters	6 Parking Aid System
Kia	Optima	Parking System	Active Park Assist	Live Parameters	7 Active Park Assist
Kia	Optima	Parking System	Active Park Assist	Live Parameters	8 Warning confirmation sound
Kia	Optima	Parking System	Active Park Assist	Live Parameters	9 PAS Sensor - Rear Left Outer
Kia	Optima	Parking System	Active Park Assist	Live Parameters	10 PAS Sensor - Rear Left Inner
Kia	Optima	Parking System	Active Park Assist	Live Parameters	11 PAS Sensor - Rear Right Inner
Kia	Optima	Parking System	Active Park Assist	Live Parameters	12 PAS Sensor - Rear Right Outer
Kia	Optima	Parking System	Active Park Assist	Live Parameters	13 Parking Aid Front Sensor Left Side
Kia	Optima	Parking System	Active Park Assist	Live Parameters	14 PAS Sensor - Front Left Outer
Kia	Optima	Parking System	Active Park Assist	Live Parameters	15 PAS Sensor - Front Left Inner
Kia	Optima	Parking System	Active Park Assist	Live Parameters	16 Parking aid side sensor, front right
Kia	Optima	Parking System	Active Park Assist	Live Parameters	17 PAS Sensor - Front Right Outer
Kia	Optima	Parking System	Active Park Assist	Live Parameters	18 PAS Sensor - Front Right Inner

Kia	Optima	Parking System	Active Park Assist		Live Parameters	19 Transmission type
Kia	Optima	Parking System	Active Park Assist		Live Parameters	20 Country type
Kia	Optima	Parking System	Active Park Assist		Live Parameters	21 driver's side
Kia	Optima	Parking System	Active Park Assist		Live Parameters	22 Bumper type
Kia	Optima	Parking System	Active Park Assist		Tests	1 Activate warning buzzer
Kia	Optima	Parking System	Active Park Assist		Tests	2 Steering assist request
Kia	Optima	Restraints	Airbag	General	ECU Information	1 Vehicle information
Kia	Optima	Restraints	Airbag	General	ECU Information	2 Control unit ID
Kia	Optima	Restraints	Airbag	General	ECU Information	3 System name
Kia	Optima	Restraints	Airbag	General	ECU Information	4 Manufacturing date day
Kia	Optima	Restraints	Airbag	General	ECU Information	5 ECU code
Kia	Optima	Restraints	Airbag	General	Live Parameters	1 Passenger Occupant Classification Sensor
Kia	Optima	Restraints	Airbag	General	Live Parameters	2 Passenger occupant detection
Kia	Optima	Restraints	Airbag	General	Live Parameters	3 Switch passenger airbag
Kia	Optima	Restraints	Airbag	General	Live Parameters	4 Battery voltage
Kia	Optima	Restraints	Airbag	General	Live Parameters	5 Driver Seat Track Position Sensor
Kia	Optima	Restraints	Airbag	General	Live Parameters	6 Passenger seat track position sensor
Kia	Optima	Restraints	Airbag	General	Live Parameters	7 Driver buckle switch status
Kia	Optima	Restraints	Airbag	General	Live Parameters	8 Passenger buckle switch status
Kia	Optima	Restraints	Airbag	General	Live Parameters	9 1st level, drivers airbag resistance
Kia	Optima	Restraints	Airbag	General	Live Parameters	10 2nd level, drivers airbag resistance
Kia	Optima	Restraints	Airbag	General	Live Parameters	11 1st level, passenger airbag resistance
Kia	Optima	Restraints	Airbag	General	Live Parameters	12 2nd level, passenger airbag resistance
Kia	Optima	Restraints	Airbag	General	Live Parameters	13 Driver pretensioner ignition squib
Kia	Optima	Restraints	Airbag	General	Live Parameters	14 Squib circuit, belt tensioner, passenger side
Kia	Optima	Restraints	Airbag	General	Live Parameters	15 Driver side, side airbag squib circuit, resistance
Kia	Optima	Restraints	Airbag	General	Live Parameters	16 Passenger side, side airbag squib circuit, resistance
Kia	Optima	Restraints	Airbag	General	Live Parameters	17 Rear driver side airbag squib circuit
Kia	Optima	Restraints	Airbag	General	Live Parameters	18 Rear passenger side, side airbag squib circuit, resistance
Kia	Optima	Restraints	Airbag	General	Live Parameters	19 Driver Curtain Airbag
Kia	Optima	Restraints	Airbag	General	Live Parameters	20 Passenger Curtain Airbag
Kia	Optima	Restraints	Airbag	General	Live Parameters	21 Anchor fitting tensioner ignition squib, driver side
Kia	Optima	Restraints	Airbag	General	Live Parameters	22 Anchor fitting tensioner ignition squib, passenger side
Kia	Optima	Restraints	Airbag	General	Live Parameters	23 Driver knee airbag, resistance
Kia	Optima	Restraints	Airbag	General	Live Parameters	24 Passenger knee airbag, resistance
Kia	Optima	Steering	Power steering		Adaptations	1 Steering angle calibration
Kia	Optima	Steering	Power steering		ECU Information	1 System name
Kia	Optima	Steering	Power steering		ECU Information	2 ECU hardware number
Kia	Optima	Steering	Power steering		ECU Information	3 ECU software
Kia	Optima	Steering	Power steering		ECU Information	4 Tuning number
Kia	Optima	Steering	Power steering		Live Parameters	1 Battery voltage
Kia	Optima	Steering	Power steering		Live Parameters	2 Steering wheel torque
Kia	Optima	Steering	Power steering		Live Parameters	3 Steering angle sensor
Kia	Optima	Steering	Power steering		Live Parameters	4 Steering Angle Sensor Calibrated
Kia	Optima	Steering	Power steering		Live Parameters	5 Steering wheel angle velocity
Kia	Optima	Steering	Power steering		Live Parameters	6 Motor current
Kia	Optima	Steering	Power steering		Live Parameters	7 Target motor current
Kia	Optima	Steering	Power steering		Live Parameters	8 Target engine torque
Kia	Optima	Steering	Power steering		Live Parameters	9 ECU temperature
Kia	Optima	Steering	Power steering		Live Parameters	10 Motor temperature sensor
Kia	Optima	Steering	Power steering		Live Parameters	11 Derating status
Kia	Optima	Steering	Power steering		Live Parameters	12 Vehicle speed
Kia	Optima	Steering	Power steering		Live Parameters	13 Filtered vehicle speed
Kia	Optima	Steering	Power steering		Live Parameters	14 Index sensor signal
Kia	Optima	Steering	Power steering		Live Parameters	15 Engine status
Kia	Optima	Steering	Power steering		Live Parameters	16 Calibration status
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	1 Vehicle ID
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	2 System name
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	3 level
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	4 Hardware version
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	5 Software version

Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	6 Control unit ID
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	7 System name
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	8 Manufacturing date
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	9 System supplier software version number
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	10 Boot software version: Version number
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	11 Ignition key position
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	12 Battery voltage
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	13 Diagnostic lamp
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		ECU Information	14 Tyre pressure (TPM) Tread lamp
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	1 Sensor 1 ID
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	2 Sensor 2 ID
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	3 Sensor 3 ID
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	4 Sensor 4 ID
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	5 Tire pressure, transponder 1
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	6 Tire temperature sensor 1
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	7 Tire pressure sensor 1
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	8 Transmitter battery voltage, tire 1
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	9 Tire pressure, transponder 2
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	10 Tire temperature sensor 2
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	11 Tire pressure sensor 2
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	12 Transmitter battery voltage, tire 2
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	13 Tire pressure, transponder 3
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	14 Tire temperature sensor 3
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	15 Tire temperature sensor 3
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	16 Transmitter battery voltage, tire 3
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	17 Tire pressure, transponder 4
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	18 Tire temperature sensor 4
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	19 Tire temperature sensor 4
Kia	Optima	Tyre Pressure	Tyre pressure monitoring		Live Parameters	20 Transmitter battery voltage, tire 4
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	ECU Information	1 Identification check
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	1 Vehicle speed
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	2 Battery voltage
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	3 Front left wheel speed sensor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	4 Front right wheel speed sensor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	5 Rear left wheel speed sensor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	6 Rear right wheel speed sensor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	7 ABS warning lamp
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	8 EBD warning lamp
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	9 TCS/ESP warning lamp
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	10 TCS off indicator
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	11 TCS power switch
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	12 Brake switch
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	13 Motor relay
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	14 valve relay
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	15 Motor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	16 ABS inlet valve front left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	17 ABS inlet valve front right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	18 ABS inlet valve rear left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	19 ABS inlet valve rear right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	20 ABS outlet valve front left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	21 ABS outlet valve front right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	22 ABS outlet valve rear left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	23 ABS outlet valve rear right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Tests	1 Motor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Tests	2 ABS inlet valve front left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Tests	3 ABS inlet valve front right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Tests	4 ABS inlet valve rear left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Tests	5 ABS inlet valve rear right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Tests	6 ABS outlet valve front left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Tests	7 ABS outlet valve front right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Tests	8 ABS outlet valve rear left

Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	CAN	Tests	9 ABS outlet valve rear right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	ECU Information	1 ECU identification
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	ECU Information	2 ECU version
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	ECU Information	3 Identification check
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	1 Vehicle speed
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	2 Battery voltage
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	3 Front left wheel speed sensor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	4 Front right wheel speed sensor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	5 Rear left wheel speed sensor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	6 Rear right wheel speed sensor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	7 Steering wheel angle sensor signal, S1
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	8 Steering wheel angle sensor signal, S2
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	9 Steering Angle Sensor Circuit-Signal
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	10 ABS warning lamp
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	11 EBD warning lamp
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	12 TCS/ESP warning lamp
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	13 TCS off indicator
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	14 TCS power switch
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	15 Brake switch
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	16 Motor relay
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	17 valve relay
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	18 Motor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	19 ABS inlet valve front left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	20 ABS inlet valve front right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	21 ABS inlet valve rear left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	22 ABS inlet valve rear right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	23 ABS outlet valve front left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	24 ABS outlet valve front right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	25 ABS outlet valve rear left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	26 ABS outlet valve rear right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	27 Front LH traction control valve
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	28 Front RH traction control valve
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	29 Shuttle valve(FL)
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	30 Shuttle valve(FR)
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	31 Yaw rate and lateral acceleration sensor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	32 Yaw rate value
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	33 Pressure sensor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	34 Steering angle sensor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Tests	1 Motor
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Tests	2 ABS inlet valve front left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Tests	3 ABS inlet valve front right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Tests	4 ABS inlet valve rear left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Tests	5 ABS inlet valve rear right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Tests	6 ABS outlet valve front left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Tests	7 ABS outlet valve front right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Tests	8 ABS outlet valve rear left
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Tests	9 ABS outlet valve rear right
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Tests	10 Front LH traction control valve
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Tests	11 Front RH traction control valve
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Tests	12 Electronic shuttle valve(FR)
Kia	Picanto FL	Brake System	ABS - Anti-lock braking system	KWP	Tests	13 Electronic shuttle valve(FL)
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	1 Lambda sensor change
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	2 Rail pressure sensor change
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	3 Air flow change
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	4 Catalytic particle filter (CPF) change
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	5 Reset pressure sensor diesel particel filter
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	6 Swirl control valve change
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	7 Injector programming
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	ECU Information	1 Calibration number
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	ECU Information	2 Hardware number
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	ECU Information	3 ROM (Read only memory)

Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	1 Ignition lock
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	2 Battery voltage
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	3 Fuel quantity
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	4 Target fuel pressure
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	5 Fuel pressure measured
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	6 Rail pressure regulator
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	7 Fuel temperature
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	8 MAF (Mass Air Flow)
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	9 Air inlet temperature sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	10 EGR valve
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	11 Atmospheric pressure sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	12 Coolant temperature sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	13 Clutch switch MT
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	14 Neutral or first gear
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	15 Redundant brake pedal
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	16 Brake pedal switch
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	17 Accelerator pedal position sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	18 Accelerator pedal position 1
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	19 Accelerator pedal position 2
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	20 Control of AC compressor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	21 Blower switch
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	22 Fan Speed Low
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	23 Fan Speed High
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	24 Glowplug relay
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	25 Electric auxiliary heater
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	26 Boost pressure sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	27 Variable geometry turbocharger (VGT) actuator
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	28 Check engine lamp
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	29 Vehicle speed information
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	30 Immobilizer lamp
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	31 Injection pump regulator
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	32 A/C pressure sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	33 Throttle actuator
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	34 O2s subtract voltage
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	35 lambda
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	36 Lambda sensor temperature monitoring
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	37 O2 sensor heater duty
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	38 O2s state of adaption
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	39 Mass air flow per cylinder
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	40 Status of signal app/brk
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	41 Boost pressure sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	42 Vehicle acceleration
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	43 Theoretical engine charge
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	44 Gear information
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	45 Engine torque, actual value
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	46 Engine torque multiplexed, Expected torque
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	47 Current frictional torque
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	48 Immobilisation/Alarm system
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	49 A/C compressor relay status
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	50 Engine torque multiplexed, Actual torque
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	51 Engine torque multiplexed, Expected torque
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	52 AT/MT (Gearbox) information
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	53 Fuel temp sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	54 Air inlet temperature sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	55 Glow time lamp
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	56 Engine speed
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	57 V/swirl actuator (U/D/S)
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	1 A/C compressor relay status
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	2 Check engine lamp
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	3 Relay, preheater
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	4 Fan Speed High

Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	5 Fan Speed Low
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	6 Cruise control lamp
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	7 Cruise control set lamp
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	8 Glow plug lamp
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	9 Glowplug relay
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	10 Immobilizer lamp
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	11 VGT valve actuator
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	12 EGR valve
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	13 Variable swirl control actuator
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	14 Rail pressure regulator
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	15 Lambda sensor heater
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	16 Throttle position
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	17 Pressure regulation valve (MPROP)
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Adaptations	1 Injector programming
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	ECU Information	1 Calibration number
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	ECU Information	2 Hardware number
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	ECU Information	3 ROM (Read only memory)
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	1 Ignition lock
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	2 Battery voltage
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	3 Fuel quantity
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	4 Fuel pressure measured
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	5 Rail pressure regulator
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	6 Fuel temperature
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	7 MAF (Mass Air Flow)
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	8 Air inlet temperature sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	9 EGR valve
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	10 Atmospheric pressure sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	11 Coolant temperature sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	12 Clutch switch MT
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	13 Neutral or first gear
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	14 Redundant brake pedal
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	15 Brake pedal switch
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	16 Accelerator pedal position sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	17 Accelerator pedal position 1
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	18 Accelerator pedal position 2
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	19 Control of AC compressor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	20 Blower switch
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	21 Fan Speed Low
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	22 Fan Speed High
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	23 Glowplug relay
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	24 Electric auxiliary heater
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	25 Boost pressure sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	26 Variable geometry turbocharger (VGT) actuator
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	27 Check engine lamp
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	28 Vehicle speed information
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	29 Immobilizer lamp
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	30 Injection pump regulator
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	31 A/C pressure sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	32 Throttle actuator
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	33 O2s subtract voltage
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	34 lambda
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	35 Lambda sensor temperature monitoring
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	36 O2 sensor heater duty
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	37 O2s state of adaption
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	38 Mass air flow per cylinder
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	39 Status of signal app/brk
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	40 Boost pressure sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	41 Vehicle acceleration
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	42 Theoretical engine charge
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	43 Gear information
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	44 Engine torque, actual value

Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	45 Engine torque multiplexed, Expected torque
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	46 Current frictional torque
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	47 Immobilisation/Alarm system
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	48 A/C compressor relay status
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	49 Engine torque multiplexed, Actual torque
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	50 Engine torque multiplexed, Expected torque
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	51 AT/MT (Gearbox) information
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	52 Fuel temperature
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	53 Air inlet temperature sensor
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	54 Glow time lamp
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	55 Engine speed
Kia	Picanto FL	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	56 V/swirl actuator (U/D/S)
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Adaptations	1 Erase adaptive engine parameters
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	ECU Information	1 Software version, boot loader
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	ECU Information	2 ECU software
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	ECU Information	3 Calibration number
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	ECU Information	4 Supplier, software version
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	1 Gear lever position
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	2 Operating state AC
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	3 A/C switch
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	4 Malfunction indicator lamp (MIL)
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	5 A/C compressor
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	6 Fan Speed Low
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	7 Ignition lock
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	8 Wide open throttle
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	9 Fuel shut off
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	10 Starter motor signal
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	11 Fuel pump relay
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	12 Multiport fuel injection(MFI) control relay
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	13 Camshaft position sensor and Crankshaft position sensor synchronized
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	14 Air fuel closed loop
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	15 Knocking
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	16 Engine running
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	17 Condition O2 sensor upstream catalyst is ready for operation-bank1
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	18 Condition O2 sensor downstream catalyst is ready for operation-bank1
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	19 Lambda regulation, bank 1 sensor 1
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	20 Lambda regulation, bank 1 sensor 2
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	21 Carbon filter solenoid valve
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	22 Carbon filter solenoid valve, duty cycle
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	23 Idle speed control
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	24 MAP sensor
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	25 MAP sensor
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	26 Engine load
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	27 Throttle position sensor
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	28 Throttle position sensor
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	29 Adaptive idle opening
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	30 Battery voltage
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	31 Water temperature
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	32 IAT - Intake air temperature
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	33 Cylinder 1 injection time
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	34 Cylinder 2 injection time
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	35 Cylinder 3 injection time
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	36 Cylinder 4 injection time
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	37 Engine torque, actual value
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	38 Abnormal torque rise request from TCS
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	39 O2 sensor bank1 sensor1
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	40 O2 sensor bank1 sensor2
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	41 Target idle speed
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	42 Idle speed regulator
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	43 Engine speed
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	44 Engine oil temperature

Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	45 Calculated oil temperature
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	46 Ignition timing cylinder #1
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	47 Ignition timing cylinder #2
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	48 Ignition timing cylinder #3
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	49 Ignition timing cylinder #4
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	50 Vehicle speed
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	51 Short term fuel trim
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	52 Long term fuel trim at idle
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	53 Long term fuel part load
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	54 Knock control cylinder 1
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	55 Knock control cylinder 2
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	56 Knock control cylinder 3
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	57 Knock control cylinder 4
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	58 Camshaft position setpoint #1
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	59 Camshaft position setpoint #2
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	60 Camshaft position setpoint #3
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	61 Camshaft position setpoint #4
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	62 Angle between CKP & CMP #1
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	63 Camshaft position
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	64 Camshaft position setpoint
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Adaptations	1 Erase adaptive engine parameters
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	ECU Information	1 Version of program
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	ECU Information	2 Software version
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	ECU Information	3 ROM (Read only memory)
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	1 Idle status
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	2 Full throttle switch
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	3 Fuel shutoff valve
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	4 Starter motor signal
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	5 Fuel pump relay
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	6 Main relay
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	7 Camshaft signal
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	8 Button, A/C control
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	9 A/C pressure switch
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	10 AC compressor relay
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	11 Cooling fan relay
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	12 Air fuel closed loop
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	13 Torque control (request)
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	14 Malfunction indicator lamp (MIL)
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	15 Battery voltage
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	16 MAP sensor
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	17 MAP sensor
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	18 Coolant temperature sensor
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	19 IAT - Intake air temperature
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	20 Throttle position sensor
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	21 Throttle position sensor
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	22 Throttle adaptation
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	23 Engine load
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	24 Battery discharging
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	25 Evap-valve
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	26 Injection duration cylinder 1
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	27 Injection duration cylinder 2
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	28 Injection duration cylinder 3
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	29 Injection duration cylinder 4
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	30 Lambda probe 1, bank 1
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	31 Lambda probe 1, bank 2
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	32 Engine speed
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	33 Target idle speed
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	34 Idle actuator, duty cycle
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	35 Road speed sensor
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	36 Ignition angle cylinder 1
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	37 Ignition angle cylinder 2

Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	38 Ignition angle cylinder 3
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	39 Ignition angle cylinder 4
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	40 Short term fuel trim
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	41 Long term fuel trim
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	42 Long term fuel part load
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	43 Knock ignition angle of cylinder 1
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	44 Knock ignition angle of cylinder 2
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	45 Knock ignition angle of cylinder 3
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	46 Knock ignition angle of cylinder 4
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	47 Exhaust gas temperature
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	1 Malfunction indicator lamp (MIL)
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	2 Fuel pump relay
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	3 AC compressor relay
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	4 Engine cooling fan
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	5 carbon filter solenoid valve
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	6 Idle speed regulator
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	7 Ignition coil 1 & 4
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	8 Ignition coil 2 & 3
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	9 Injector 1
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	10 Injector 2
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	11 Injector 3
Kia	Picanto FL	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	12 Injector 4
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Adaptations	1 Erase adaptive engine parameters
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	ECU Information	1 Software version, boot loader
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	ECU Information	2 ECU software
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	ECU Information	3 Calibration number
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	ECU Information	4 Supplier, software version
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	1 Gear lever position
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	2 Operating state AC
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	3 A/C switch
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	4 Malfunction indicator lamp (MIL)
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	5 A/C compressor
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	6 Fan Speed Low
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	7 Ignition lock
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	8 Wide open throttle
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	9 Fuel shut off
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	10 Starter motor signal
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	11 Fuel pump relay
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	12 Multiport fuel injection(MFI) control relay
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	13 Camshaft position sensor and Crankshaft position sensor synchronized
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	14 Air fuel closed loop
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	15 Knocking
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	16 Engine running
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	17 Condition O2 sensor upstream catalyst is ready for operation-bank1
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	18 Condition O2 sensor downstream catalyst is ready for operation-bank1
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	19 Lambda regulation, bank 1 sensor 1
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	20 Lambda regulation, bank 1 sensor 2
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	21 Carbon filter solenoid valve
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	22 Carbon filter solenoid valve, duty cycle
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	23 Idle speed control
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	24 MAP sensor
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	25 MAP sensor
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	26 Engine load
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	27 Throttle position sensor
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	28 Throttle position sensor
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	29 Adaptive idle opening
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	30 Battery voltage
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	31 Water temperature
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	32 IAT - Intake air temperature
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	33 Cylinder 1 injection time
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	34 Cylinder 2 injection time

Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	35 Cylinder 3 injection time
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	36 Cylinder 4 injection time
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	37 Engine torque, actual value
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	38 Abnormal torque rise request from TCS
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	39 O2 sensor bank1 sensor1
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	40 O2 sensor bank1 sensor2
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	41 Target idle speed
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	42 Idle speed regulator
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	43 Engine speed
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	44 Engine oil temperature
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	45 Calculated oil temperature
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	46 Ignition timing cylinder #1
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	47 Ignition timing cylinder #2
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	48 Ignition timing cylinder #3
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	49 Ignition timing cylinder #4
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	50 Vehicle speed
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	51 Short term fuel trim
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	52 Long term fuel trim at idle
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	53 Long term fuel part load
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	54 Knock control cylinder 1
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	55 Knock control cylinder 2
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	56 Knock control cylinder 3
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	57 Knock control cylinder 4
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	58 Camshaft position setpoint #1
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	59 Camshaft position setpoint #2
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	60 Camshaft position setpoint #3
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	61 Camshaft position setpoint #4
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	62 Angle between CKP & CMP #1
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	63 Camshaft position
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	64 Camshaft position setpoint
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Adaptations	1 Erase adaptive engine parameters
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	ECU Information	1 Version of program
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	ECU Information	2 Software version
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	ECU Information	3 ROM (Read only memory)
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	1 Idle status
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	2 Full throttle switch
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	3 Fuel shutoff valve
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	4 Starter motor signal
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	5 Fuel pump relay
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	6 Main relay
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	7 Camshaft signal
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	8 Button, A/C control
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	9 A/C pressure switch
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	10 AC compressor relay
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	11 Cooling fan relay
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	12 Air fuel closed loop
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	13 Torque control (request)
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	14 Malfunction indicator lamp (MIL)
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	15 Battery voltage
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	16 MAP sensor
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	17 MAP sensor
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	18 Coolant temperature sensor
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	19 IAT - Intake air temperature
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	20 Throttle position sensor
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	21 Throttle position sensor
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	22 Throttle adaptation
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	23 Engine load
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	24 Battery discharging
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	25 Evap-valve
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	26 Injection duration cylinder 1
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	27 Injection duration cylinder 2

Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	28 Injection duration cylinder 3
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	29 Injection duration cylinder 4
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	30 Lambda probe 1, bank 1
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	31 Lambda probe 1, bank 2
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	32 Engine speed
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	33 Target idle speed
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	34 Idle actuator, duty cycle
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	35 Road speed sensor
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	36 Ignition angle cylinder 1
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	37 Ignition angle cylinder 2
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	38 Ignition angle cylinder 3
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	39 Ignition angle cylinder 4
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	40 Short term fuel trim
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	41 Long term fuel trim
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	42 Long term fuel part load
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	43 Knock ignition angle of cylinder 1
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	44 Knock ignition angle of cylinder 2
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	45 Knock ignition angle of cylinder 3
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	46 Knock ignition angle of cylinder 4
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	47 Exhaust gas temperature
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	1 Malfunction indicator lamp (MIL)
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	2 Fuel pump relay
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	3 AC compressor relay
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	4 Engine cooling fan
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	5 carbon filter solenoid valve
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	6 Idle speed regulator
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	7 Ignition coil 1 & 4
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	8 Ignition coil 2 & 3
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	9 Injector 1
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	10 Injector 2
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	11 Injector 3
Kia	Picanto FL	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	12 Injector 4
Kia	Picanto FL	Immobiliser	Immobiliser	General	Live Parameters	1 Programmed keys
Kia	Picanto FL	Immobiliser	Immobiliser	General	Live Parameters	2 ECU status immobilizer
Kia	Picanto FL	Immobiliser	Immobiliser	General	Live Parameters	3 Key status
Kia	Picanto FL	Restraints	Airbag		ECU Information	1 Software version
Kia	Picanto FL	Restraints	Airbag		ECU Information	2 Hardware version
Kia	Picanto FL	Restraints	Airbag		ECU Information	3 Calibration version
Kia	Picanto FL	Steering	Power steering	General	ECU Information	1 ECU hardware number
Kia	Picanto FL	Steering	Power steering	General	ECU Information	2 ECU software version
Kia	Picanto FL	Steering	Power steering	General	ECU Information	3 ECU software
Kia	Picanto FL	Steering	Power steering	General	ECU Information	4 Calibration Identification
Kia	Picanto FL	Steering	Power steering	General	Live Parameters	1 Supply voltage
Kia	Picanto FL	Steering	Power steering	General	Live Parameters	2 Steering wheel torque
Kia	Picanto FL	Steering	Power steering	General	Live Parameters	3 Vehicle speed
Kia	Picanto FL	Steering	Power steering	General	Live Parameters	4 Engine speed
Kia	Picanto FL	Steering	Power steering	General	Live Parameters	5 Motor current
Kia	Picanto FL	Steering	Power steering	General	Live Parameters	6 Target motor current
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	ECU Information	1 Identification check
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	1 Vehicle speed
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	2 Battery voltage
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	3 Front left wheel speed sensor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	4 Front right wheel speed sensor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	5 Rear left wheel speed sensor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	6 Rear right wheel speed sensor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	7 ABS warning lamp
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	8 EBD warning lamp
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	9 TCS/ESP warning lamp
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	10 TCS off indicator
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	11 TCS power switch
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	12 Brake switch

Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	13 Motor relay
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	14 valve relay
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	15 Motor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	16 ABS inlet valve front left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	17 ABS inlet valve front right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	18 ABS inlet valve rear left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	19 ABS inlet valve rear right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	20 ABS outlet valve front left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	21 ABS outlet valve front right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	22 ABS outlet valve rear left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Live Parameters	23 ABS outlet valve rear right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Tests	1 Motor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Tests	2 ABS inlet valve front left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Tests	3 ABS inlet valve front right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Tests	4 ABS inlet valve rear left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Tests	5 ABS inlet valve rear right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Tests	6 ABS outlet valve front left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Tests	7 ABS outlet valve front right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Tests	8 ABS outlet valve rear left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	CAN	Tests	9 ABS outlet valve rear right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	ECU Information	1 ECU identification
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	ECU Information	2 ECU version
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	ECU Information	3 Identification check
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	1 Vehicle speed
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	2 Battery voltage
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	3 Front left wheel speed sensor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	4 Front right wheel speed sensor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	5 Rear left wheel speed sensor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	6 Rear right wheel speed sensor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	7 Steering wheel angle sensor signal, S1
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	8 Steering wheel angle sensor signal, S2
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	9 Steering Angle Sensor Circuit-Signal
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	10 ABS warning lamp
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	11 EBD warning lamp
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	12 TCS/ESP warning lamp
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	13 TCS off indicator
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	14 TCS power switch
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	15 Brake switch
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	16 Motor relay
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	17 valve relay
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	18 Motor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	19 ABS inlet valve front left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	20 ABS inlet valve front right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	21 ABS inlet valve rear left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	22 ABS inlet valve rear right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	23 ABS outlet valve front left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	24 ABS outlet valve front right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	25 ABS outlet valve rear left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	26 ABS outlet valve rear right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	27 Front LH traction control valve
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	28 Front RH traction control valve
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	29 Shuttle valve(FL)
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	30 Shuttle valve(FR)
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	31 Yaw rate and lateral acceleration sensor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	32 Yaw rate value
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	33 Pressure sensor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Live Parameters	34 Steering angle sensor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Tests	1 Motor
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Tests	2 ABS inlet valve front left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Tests	3 ABS inlet valve front right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Tests	4 ABS inlet valve rear left

Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Tests	5 ABS inlet valve rear right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Tests	6 ABS outlet valve front left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Tests	7 ABS outlet valve front right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Tests	8 ABS outlet valve rear left
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Tests	9 ABS outlet valve rear right
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Tests	10 Front LH traction control valve
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Tests	11 Front RH traction control valve
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Tests	12 Electronic shuttle valve(FR)
Kia	Picanto I	Brake System	ABS - Anti-lock braking system	KWP	Tests	13 Electronic shuttle valve(FL)
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	1 Lambda sensor change
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	2 Rail pressure sensor change
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	3 Air flow change
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	4 Catalytic particle filter (CPF) change
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	5 Reset pressure sensor diesel partical filter
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	6 Swirl control valve change
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Adaptations	7 Injector programming
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	ECU Information	1 Calibration number
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	ECU Information	2 Hardware number
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	ECU Information	3 ROM (Read only memory)
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	1 Ignition lock
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	2 Battery voltage
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	3 Fuel quantity
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	4 Target fuel pressure
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	5 Fuel pressure measured
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	6 Rail pressure regulator
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	7 Fuel temperature
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	8 MAF (Mass Air Flow)
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	9 Air inlet temperature sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	10 EGR valve
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	11 Atmospheric pressure sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	12 Coolant temperature sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	13 Clutch switch MT
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	14 Neutral or first gear
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	15 Redundant brake pedal
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	16 Brake pedal switch
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	17 Accelerator pedal position sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	18 Accelerator pedal position 1
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	19 Accelerator pedal position 2
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	20 Control of AC compressor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	21 Blower switch
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	22 Fan Speed Low
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	23 Fan Speed High
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	24 Glowplug relay
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	25 Electric auxiliary heater
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	26 Boost pressure sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	27 Variable geometry turbocharger (VGT) actuator
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	28 Check engine lamp
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	29 Vehicle speed information
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	30 Immobilizer lamp
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	31 Injection pump regulator
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	32 A/C pressure sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	33 Throttle actuator
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	34 O2s subtract voltage
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	35 lambda
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	36 Lambda sensor temperature monitoring
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	37 O2 sensor heater duty
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	38 O2s state of adaption
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	39 Mass air flow per cylinder
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	40 Status of signal app/brk
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	41 Boost pressure sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	42 Vehicle acceleration

Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	43 Theoretical engine charge
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	44 Gear information
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	45 Engine torque, actual value
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	46 Engine torque multiplexed, Expected torque
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	47 Current frictional torque
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	48 Immobilisation/Alarm system
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	49 A/C compressor relay status
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	50 Engine torque multiplexed, Actual torque
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	51 Engine torque multiplexed, Expected torque
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	52 AT/MT (Gearbox) information
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	53 Fuel temp sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	54 Air inlet temperature sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	55 Glow time lamp
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	56 Engine speed
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Live Parameters	57 V/swirl actuator (U/D/S)
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	1 A/C compressor relay status
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	2 Check engine lamp
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	3 Relay, preheater
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	4 Fan Speed High
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	5 Fan Speed Low
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	6 Cruise control lamp
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	7 Cruise control set lamp
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	8 Glow plug lamp
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	9 Glowplug relay
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	10 Immobilizer lamp
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	11 VGT valve actuator
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	12 EGR valve
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	13 Variable swirl control actuator
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	14 Rail pressure regulator
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	15 Lambda sensor heater
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	16 Throttle position
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	CAN	Tests	17 Pressure regulation valve (MPROP)
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Adaptations	1 Injector programming
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	ECU Information	1 Calibration number
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	ECU Information	2 Hardware number
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	ECU Information	3 ROM (Read only memory)
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	1 Ignition lock
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	2 Battery voltage
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	3 Fuel quantity
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	4 Fuel pressure measured
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	5 Rail pressure regulator
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	6 Fuel temperature
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	7 MAF (Mass Air Flow)
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	8 Air inlet temperature sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	9 EGR valve
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	10 Atmospheric pressure sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	11 Coolant temperature sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	12 Clutch switch MT
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	13 Neutral or first gear
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	14 Redundant brake pedal
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	15 Brake pedal switch
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	16 Accelerator pedal position sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	17 Accelerator pedal position 1
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	18 Accelerator pedal position 2
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	19 Control of AC compressor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	20 Blower switch
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	21 Fan Speed Low
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	22 Fan Speed High
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	23 Glowplug relay
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	24 Electric auxiliary heater
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	25 Boost pressure sensor

Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	26 Variable geometry turbocharger (VGT) actuator
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	27 Check engine lamp
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	28 Vehicle speed information
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	29 Immobilizer lamp
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	30 Injection pump regulator
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	31 A/C pressure sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	32 Throttle actuator
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	33 O2s subtract voltage
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	34 lambda
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	35 Lambda sensor temperature monitoring
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	36 O2 sensor heater duty
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	37 O2s state of adaption
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	38 Mass air flow per cylinder
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	39 Status of signal app/brk
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	40 Boost pressure sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	41 Vehicle acceleration
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	42 Theoretical engine charge
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	43 Gear information
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	44 Engine torque, actual value
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	45 Engine torque multiplexed, Expected torque
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	46 Current frictional torque
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	47 Immobilisation/Alarm system
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	48 A/C compressor relay status
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	49 Engine torque multiplexed, Actual torque
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	50 Engine torque multiplexed, Expected torque
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	51 AT/MT (Gearbox) information
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	52 Fuel temperature
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	53 Air inlet temperature sensor
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	54 Glow time lamp
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	55 Engine speed
Kia	Picanto I	Engine Diesel	D3FA 1,1 VGT CRDI (CAN)	KWP	Live Parameters	56 V/swirl actuator (U/D/S)
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Adaptations	1 Erase adaptive engine parameters
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	ECU Information	1 Software version, boot loader
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	ECU Information	2 ECU software
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	ECU Information	3 Calibration number
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	ECU Information	4 Supplier, software version
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	1 Gear lever position
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	2 Operating state AC
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	3 A/C switch
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	4 Malfunction indicator lamp (MIL)
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	5 A/C compressor
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	6 Fan Speed Low
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	7 Ignition lock
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	8 Wide open throttle
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	9 Fuel shut off
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	10 Starter motor signal
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	11 Fuel pump relay
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	12 Multiport fuel injection(MFI) control relay
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	13 Camshaft position sensor and Crankshaft position sensor synchronized
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	14 Air fuel closed loop
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	15 Knocking
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	16 Engine running
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	17 Condition O2 sensor upstream catalyst is ready for operation-bank1
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	18 Condition O2 sensor downstream catalyst is ready for operation-bank1
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	19 Lambda regulation, bank 1 sensor 1
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	20 Lambda regulation, bank 1 sensor 2
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	21 Carbon filter solenoid valve
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	22 Carbon filter solenoid valve, duty cycle
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	23 Idle speed control
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	24 MAP sensor
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	25 MAP sensor

Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	26 Engine load
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	27 Throttle position sensor
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	28 Throttle position sensor
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	29 Adaptive idle opening
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	30 Battery voltage
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	31 Water temperature
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	32 IAT - Intake air temperature
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	33 Cylinder 1 injection time
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	34 Cylinder 2 injection time
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	35 Cylinder 3 injection time
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	36 Cylinder 4 injection time
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	37 Engine torque, actual value
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	38 Abnormal torque rise request from TCS
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	39 O2 sensor bank1 sensor1
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	40 O2 sensor bank1 sensor2
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	41 Target idle speed
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	42 Idle speed regulator
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	43 Engine speed
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	44 Engine oil temperature
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	45 Calculated oil temperature
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	46 Ignition timing cylinder #1
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	47 Ignition timing cylinder #2
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	48 Ignition timing cylinder #3
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	49 Ignition timing cylinder #4
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	50 Vehicle speed
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	51 Short term fuel trim
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	52 Long term fuel trim at idle
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	53 Long term fuel part load
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	54 Knock control cylinder 1
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	55 Knock control cylinder 2
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	56 Knock control cylinder 3
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	57 Knock control cylinder 4
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	58 Camshaft position setpoint #1
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	59 Camshaft position setpoint #2
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	60 Camshaft position setpoint #3
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	61 Camshaft position setpoint #4
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	62 Angle between CKP & CMP #1
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	63 Camshaft position
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	CAN	Live Parameters	64 Camshaft position setpoint
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Adaptations	1 Erase adaptive engine parameters
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	ECU Information	1 Version of program
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	ECU Information	2 Software version
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	ECU Information	3 ROM (Read only memory)
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	1 Idle status
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	2 Full throttle switch
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	3 Fuel shutoff valve
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	4 Starter motor signal
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	5 Fuel pump relay
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	6 Main relay
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	7 Camshaft signal
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	8 Button, A/C control
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	9 A/C pressure switch
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	10 AC compressor relay
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	11 Cooling fan relay
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	12 Air fuel closed loop
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	13 Torque control (request)
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	14 Malfunction indicator lamp (MIL)
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	15 Battery voltage
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	16 MAP sensor
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	17 MAP sensor
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	18 Coolant temperature sensor

Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	19 IAT - Intake air temperature
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	20 Throttle position sensor
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	21 Throttle position sensor
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	22 Throttle adaptation
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	23 Engine load
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	24 Battery discharging
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	25 Evap-valve
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	26 Injection duration cylinder 1
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	27 Injection duration cylinder 2
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	28 Injection duration cylinder 3
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	29 Injection duration cylinder 4
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	30 Lambda probe 1, bank 1
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	31 Lambda probe 1, bank 2
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	32 Engine speed
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	33 Target idle speed
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	34 Idle actuator, duty cycle
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	35 Road speed sensor
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	36 Ignition angle cylinder 1
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	37 Ignition angle cylinder 2
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	38 Ignition angle cylinder 3
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	39 Ignition angle cylinder 4
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	40 Short term fuel trim
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	41 Long term fuel trim
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	42 Long term fuel part load
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	43 Knock ignition angle of cylinder 1
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	44 Knock ignition angle of cylinder 2
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	45 Knock ignition angle of cylinder 3
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	46 Knock ignition angle of cylinder 4
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Live Parameters	47 Exhaust gas temperature
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	1 Malfunction indicator lamp (MIL)
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	2 Fuel pump relay
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	3 AC compressor relay
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	4 Engine cooling fan
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	5 carbon filter solenoid valve
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	6 Idle speed regulator
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	7 Ignition coil 1 & 4
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	8 Ignition coil 2 & 3
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	9 Injector 1
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	10 Injector 2
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	11 Injector 3
Kia	Picanto I	Engine Petrol	G4HE 1,0 Diagnose	KWP	Tests	12 Injector 4
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Adaptations	1 Erase adaptive engine parameters
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	ECU Information	1 Software version, boot loader
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	ECU Information	2 ECU software
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	ECU Information	3 Calibration number
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	ECU Information	4 Supplier, software version
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	1 Gear lever position
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	2 Operating state AC
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	3 A/C switch
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	4 Malfunction indicator lamp (MIL)
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	5 A/C compressor
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	6 Fan Speed Low
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	7 Ignition lock
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	8 Wide open throttle
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	9 Fuel shut off
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	10 Starter motor signal
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	11 Fuel pump relay
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	12 Multiport fuel injection(MFI) control relay
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	13 Camshaft position sensor and Crankshaft position sensor synchronized
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	14 Air fuel closed loop
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	15 Knocking

Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	16 Engine running
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	17 Condition O2 sensor upstream catalyst is ready for operation-bank1
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	18 Condition O2 sensor downstream catalyst is ready for operation-bank1
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	19 Lambda regulation, bank 1 sensor 1
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	20 Lambda regulation, bank 1 sensor 2
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	21 Carbon filter solenoid valve
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	22 Carbon filter solenoid valve, duty cycle
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	23 Idle speed control
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	24 MAP sensor
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	25 MAP sensor
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	26 Engine load
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	27 Throttle position sensor
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	28 Throttle position sensor
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	29 Adaptive idle opening
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	30 Battery voltage
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	31 Water temperature
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	32 IAT - Intake air temperature
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	33 Cylinder 1 injection time
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	34 Cylinder 2 injection time
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	35 Cylinder 3 injection time
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	36 Cylinder 4 injection time
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	37 Engine torque, actual value
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	38 Abnormal torque rise request from TCS
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	39 O2 sensor bank1 sensor1
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	40 O2 sensor bank1 sensor2
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	41 Target idle speed
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	42 Idle speed regulator
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	43 Engine speed
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	44 Engine oil temperature
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	45 Calculated oil temperature
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	46 Ignition timing cylinder #1
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	47 Ignition timing cylinder #2
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	48 Ignition timing cylinder #3
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	49 Ignition timing cylinder #4
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	50 Vehicle speed
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	51 Short term fuel trim
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	52 Long term fuel trim at idle
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	53 Long term fuel part load
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	54 Knock control cylinder 1
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	55 Knock control cylinder 2
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	56 Knock control cylinder 3
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	57 Knock control cylinder 4
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	58 Camshaft position setpoint #1
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	59 Camshaft position setpoint #2
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	60 Camshaft position setpoint #3
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	61 Camshaft position setpoint #4
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	62 Angle between CKP & CMP #1
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	63 Camshaft position
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	CAN	Live Parameters	64 Camshaft position setpoint
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Adaptations	1 Erase adaptive engine parameters
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	ECU Information	1 Version of program
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	ECU Information	2 Software version
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	ECU Information	3 ROM (Read only memory)
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	1 Idle status
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	2 Full throttle switch
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	3 Fuel shutoff valve
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	4 Starter motor signal
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	5 Fuel pump relay
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	6 Main relay
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	7 Camshaft signal
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	8 Button, A/C control

Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	9 A/C pressure switch
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	10 AC compressor relay
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	11 Cooling fan relay
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	12 Air fuel closed loop
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	13 Torque control (request)
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	14 Malfunction indicator lamp (MIL)
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	15 Battery voltage
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	16 MAP sensor
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	17 MAP sensor
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	18 Coolant temperature sensor
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	19 IAT - Intake air temperature
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	20 Throttle position sensor
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	21 Throttle position sensor
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	22 Throttle adaptation
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	23 Engine load
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	24 Battery discharging
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	25 Evap-valve
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	26 Injection duration cylinder 1
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	27 Injection duration cylinder 2
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	28 Injection duration cylinder 3
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	29 Injection duration cylinder 4
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	30 Lambda probe 1, bank 1
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	31 Lambda probe 1, bank 2
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	32 Engine speed
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	33 Target idle speed
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	34 Idle actuator, duty cycle
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	35 Road speed sensor
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	36 Ignition angle cylinder 1
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	37 Ignition angle cylinder 2
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	38 Ignition angle cylinder 3
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	39 Ignition angle cylinder 4
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	40 Short term fuel trim
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	41 Long term fuel trim
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	42 Long term fuel part load
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	43 Knock ignition angle of cylinder 1
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	44 Knock ignition angle of cylinder 2
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	45 Knock ignition angle of cylinder 3
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	46 Knock ignition angle of cylinder 4
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Live Parameters	47 Exhaust gas temperature
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	1 Malfunction indicator lamp (MIL)
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	2 Fuel pump relay
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	3 AC compressor relay
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	4 Engine cooling fan
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	5 carbon filter solenoid valve
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	6 Idle speed regulator
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	7 Ignition coil 1 & 4
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	8 Ignition coil 2 & 3
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	9 Injector 1
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	10 Injector 2
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	11 Injector 3
Kia	Picanto I	Engine Petrol	G4HG 1,1 Diagnose	KWP	Tests	12 Injector 4
Kia	Picanto I	Immobiliser	Immobiliser	General	Live Parameters	1 Programmed keys
Kia	Picanto I	Immobiliser	Immobiliser	General	Live Parameters	2 ECU status immobilizer
Kia	Picanto I	Immobiliser	Immobiliser	General	Live Parameters	3 Key status
Kia	Picanto I	Restraints	Airbag		ECU Information	1 Software version
Kia	Picanto I	Restraints	Airbag		ECU Information	2 Hardware version
Kia	Picanto I	Restraints	Airbag		ECU Information	3 Calibration version
Kia	Picanto I	Steering	Power steering	General	ECU Information	1 ECU hardware number
Kia	Picanto I	Steering	Power steering	General	ECU Information	2 ECU software version
Kia	Picanto I	Steering	Power steering	General	ECU Information	3 ECU software
Kia	Picanto I	Steering	Power steering	General	ECU Information	4 Calibration Identification

Kia	Picanto I	Steering	Power steering	General	Live Parameters	1 Supply voltage
Kia	Picanto I	Steering	Power steering	General	Live Parameters	2 Steering wheel torque
Kia	Picanto I	Steering	Power steering	General	Live Parameters	3 Vehicle speed
Kia	Picanto I	Steering	Power steering	General	Live Parameters	4 Engine speed
Kia	Picanto I	Steering	Power steering	General	Live Parameters	5 Motor current
Kia	Picanto I	Steering	Power steering	General	Live Parameters	6 Target motor current
Kia	Picanto II	Body Control Module	Body control module		Adaptations	1 Automatic door locking
Kia	Picanto II	Body Control Module	Body control module		Adaptations	2 Door Unlock Status
Kia	Picanto II	Body Control Module	Body control module		Adaptations	3 Head lamp escort
Kia	Picanto II	Body Control Module	Body control module		ECU Information	1 Vehicle ID
Kia	Picanto II	Body Control Module	Body control module		ECU Information	2 Control unit ID
Kia	Picanto II	Body Control Module	Body control module		ECU Information	3 Version name
Kia	Picanto II	Body Control Module	Body control module		ECU Information	4 Manufacturing date
Kia	Picanto II	Body Control Module	Body control module		ECU Information	5 Software version
Kia	Picanto II	Body Control Module	Body control module		ECU Information	6 Hardware version
Kia	Picanto II	Body Control Module	Body control module		ECU Information	7 Algorithm version
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	1 Key-in switch
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	2 ACC
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	3 Ignition 1
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	4 Ignition 2
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	5 ALT L
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	6 Power window relay
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	7 Taillight switch
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	8 Headlamp switch
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	9 Automatic lighting button
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	10 Front fogs switch
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	11 Button rear fog lights
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	12 Lamp Tail Output Circuit Open
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	13 Head lamp output
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	14 Alarm signal output
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	15 Activation of hazard warning light
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	16 Front fog lamps
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	17 Rear fog lights
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	18 Interior lamps output
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	19 Interior Lamps
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	20 Driver seat belt switch
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	21 Front passenger seat belt switch
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	22 Indication lamp seat belt, driver
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	23 Passenger seatbelt indicator
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	24 Driver door switch
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	25 Passenger door switch
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	26 Trunk Lid Latch Contact Switch
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	27 Hood switch
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	28 Door lock switch, driver side
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	29 Door lock switch, passenger side
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	30 Central door lock switch
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	31 Central Door Unlock Switch
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	32 Unlock
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	33 Lock
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	34 Tailgate Release Switch
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	35 Crash signal
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	36 Navi wakeup signal output
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	37 Inhibitor switch :R
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	38 Automatic light system
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	39 Tail AV
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	40 Light sensor
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	41 Speed signal
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	42 Key status
Kia	Picanto II	Body Control Module	Body control module		Live Parameters	43 Number of registered immobilizer key
Kia	Picanto II	Body Control Module	Body control module		Tests	1 Unlock
Kia	Picanto II	Body Control Module	Body control module		Tests	2 Lock

Kia	Picanto II	Body Control Module	Body control module	Tests	3 Release trunk lid/tailgate
Kia	Picanto II	Body Control Module	Body control module	Tests	4 Start inhibitor relay
Kia	Picanto II	Body Control Module	Body control module	Tests	5 Power window
Kia	Picanto II	Body Control Module	Body control module	Tests	6 Lamp Tail Output Circuit Open
Kia	Picanto II	Body Control Module	Body control module	Tests	7 Head lamp output
Kia	Picanto II	Body Control Module	Body control module	Tests	8 Activation of hazard warning light
Kia	Picanto II	Body Control Module	Body control module	Tests	9 Front fog lamps
Kia	Picanto II	Body Control Module	Body control module	Tests	10 Rear fog lights
Kia	Picanto II	Body Control Module	Body control module	Tests	11 Alarm signal output
Kia	Picanto II	Body Control Module	Body control module	Tests	12 Interior lamps output
Kia	Picanto II	Body Control Module	Body control module	Tests	13 Dedicated DRL SCG
Kia	Picanto II	Body Control Module	Body control module	Tests	14 LED for burglar alarm
Kia	Picanto II	Body Control Module	Body control module	Tests	15 Indication lamp seat belt, driver
Kia	Picanto II	Body Control Module	Body control module	Tests	16 Passenger seatbelt indicator
Kia	Picanto II	Body Control Module	Body control module	Tests	17 Left Rear Seat Belt Indicator
Kia	Picanto II	Body Control Module	Body control module	Tests	18 Rear Middle Seat Belt Indicator
Kia	Picanto II	Body Control Module	Body control module	Tests	19 Right Rear Seat Belt Indicator
Kia	Picanto II	Body Control Module	Body control module	Tests	20 Navi wakeup signal output
Kia	Picanto II	Body Control Module	Body control module	Tests	21 Tail AV
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Adaptations	1 Gyrometer/accelerometer sensor calibration
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Adaptations	2 Calibration of steering angle sensor
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	ECU Information	1 Vehicle type
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	ECU Information	2 System name
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	ECU Information	3 Hardware version
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	ECU Information	4 Software version
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	ECU Information	5 ECU manufacturer's part number
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	ECU Information	6 Part number
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	1 Engine speed
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	2 Vehicle speed
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	3 Throttle position
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	4 Shift lever position
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	5 Battery positive voltage
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	6 Front left wheel speed sensor
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	7 Front right wheel speed sensor
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	8 Rear left wheel speed sensor
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	9 Rear right wheel speed sensor
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	10 ABS warning lamp
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	11 EBD warning lamp
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	12 TCS/ESP warning lamp
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	13 ASR/ESP warning lamp OFF
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	14 Status ESP switch
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	15 Brake light switch, normally open contact
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	16 Brake switch [NC] -ESP only
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	17 Motor relay
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	18 valve relay
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	19 Hill assist brake lamp
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	20 ESS brake lamp [ESS only]
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	21 Motor
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	22 Inlet valve front left
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	23 Inlet valve front right
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	24 Inlet valve rear left
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	25 Inlet valve rear right
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	26 Outlet valve front left
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	27 Outlet valve front right
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	28 Outlet valve rear left
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	29 Outlet valve rear right
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	30 TCS valve (USV 1)
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	31 TCS valve (USV 2)
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	32 ESP valve (HSV 1)
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	33 ESP valve (HSV 2)
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	34 Steering Angel Sensor

Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	35 Status, steering angle sensor
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	36 Steering Angel Sensor
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	37 Lateral acceleration sensor
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	38 Yaw rate
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	39 Pressure sensor
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	40 Parking brake
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Live Parameters	41 Yaw rate/longitude acceleration sensors
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Tests	1 Motor
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Tests	2 Inlet valve front left
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Tests	3 Inlet valve front right
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Tests	4 Inlet valve rear left
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Tests	5 Inlet valve rear right
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Tests	6 Outlet valve front left
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Tests	7 Outlet valve front right
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Tests	8 Outlet valve rear left
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Tests	9 Outlet valve rear right
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Tests	10 TCS Valve Left front
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Tests	11 TCS Valve Right front
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Tests	12 Electric shuttle Valve Right front
Kia	Picanto II	Brake System	ABS/ESP - electronic stability program	Tests	13 Electric shuttle Valve Left front
Kia	Picanto II	Climate Control	Climate control	ECU Information	1 Vehicle information
Kia	Picanto II	Climate Control	Climate control	ECU Information	2 Control unit ID
Kia	Picanto II	Climate Control	Climate control	ECU Information	3 System name
Kia	Picanto II	Climate Control	Climate control	ECU Information	4 Software version
Kia	Picanto II	Climate Control	Climate control	Live Parameters	1 Interior temperature sensor 1
Kia	Picanto II	Climate Control	Climate control	Live Parameters	2 Ambient temperature
Kia	Picanto II	Climate Control	Climate control	Live Parameters	3 Sensor, evaporator
Kia	Picanto II	Climate Control	Climate control	Live Parameters	4 Light sensor
Kia	Picanto II	Climate Control	Climate control	Live Parameters	5 Air mix door potentiometer-driver
Kia	Picanto II	Climate Control	Climate control	Live Parameters	6 Direction potentiometer-Driver
Kia	Picanto II	Climate Control	Climate control	Live Parameters	7 Sun sensor, passenger side
Kia	Picanto II	Climate Control	Climate control	Live Parameters	8 Vehicle speed
Kia	Picanto II	Climate Control	Climate control	Live Parameters	9 Engine coolant temperature sensor
Kia	Picanto II	Climate Control	Climate control	Tests	1 Air conditioning compressor
Kia	Picanto II	Climate Control	Climate control	Tests	2 AC compressor clutch off
Kia	Picanto II	Climate Control	Climate control	Tests	3 Blower fan motor off command
Kia	Picanto II	Climate Control	Climate control	Tests	4 Blower fan motor-drive low
Kia	Picanto II	Climate Control	Climate control	Tests	5 Blower fan motor-drive medium
Kia	Picanto II	Climate Control	Climate control	Tests	6 Blower fan motor-drive high
Kia	Picanto II	Climate Control	Climate control	Tests	7 Driver air mix door-drive 0%
Kia	Picanto II	Climate Control	Climate control	Tests	8 Driver air mix door-drive 50%
Kia	Picanto II	Climate Control	Climate control	Tests	9 Driver air mix door-drive 100%
Kia	Picanto II	Climate Control	Climate control	Tests	10 Driver mode door-vent
Kia	Picanto II	Climate Control	Climate control	Tests	11 Driver mode door-floor
Kia	Picanto II	Climate Control	Climate control	Tests	12 Driver mode door-def
Kia	Picanto II	Climate Control	Climate control	Tests	13 Fresh air
Kia	Picanto II	Climate Control	Climate control	Tests	14 air circulation
Kia	Picanto II	Climate Control	Climate control	Tests	15 External control valve 0%
Kia	Picanto II	Climate Control	Climate control	Tests	16 External control valve 85%
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Adaptations	1 Erase adaptive engine parameters
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	ECU Information	1 Software version, boot loader
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	ECU Information	2 ECU software number
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	ECU Information	3 Calibration Identification
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	ECU Information	4 System identification
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	1 Immobilizer built-in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	2 SMARTRA2 built-in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	3 SMARTRA3 built-in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	4 SMARTRA status
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	5 MAP sensor built-in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	6 MAF sensor built-in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	7 A/C pressure sensor

Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	8 Linear O2 sensor built-in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	9 Battery sensor built-in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	10 Leak test type - under pressure system
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	11 Malfunction indicator lamp (MIL)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	12 Ignition switch
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	13 Fuel pump
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	14 Main relay
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	15 Fuel Cut Condition
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	16 Dash pot
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	17 Anti-jerk function is active
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	18 Variant coding
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	19 Clutch pedal switch
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	20 Shift lever position sensor AT
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	21 Lock-up clutch monitoring
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	22 Leaded fuel pack
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	23 Brake pedal switch
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	24 Brake lamp switch active
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	25 Engine part load
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	26 Engine full load
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	27 Engine at idle speed
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	28 Starter condition
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	29 Synchronization succeeded
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	30 Idle condition
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	31 ETC learning is finished successfully
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	32 ETC system built in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	33 Operating state AC
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	34 A/C request to ECU (A/C switch)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	35 A/C compressor
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	36 Fan Speed High
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	37 Fan Speed Low
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	38 Non-AMS system built in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	39 Sensorless AMS system built in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	40 AMS system built in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	41 Knocking
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	42 knock control
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	43 Knock control, adjustment
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	44 Condition canister purge active
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	45 Condition canister purge phase ON
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	46 Resetting valve, variable camshaft
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	47 Camshaft control
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	48 Intake Camshaft Control Circuit Bank 1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	49 Exhaust B Camshaft Profile Control Bank 1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	50 Adaption of the inlet camshaft position is successful
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	51 Adaption of the outlet camshaft position is successful
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	52 Lambda closed loop control active - upstream bank1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	53 Lambda control active
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	54 Lambda sensor heating upstream
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	55 Lambda sensor heating downstream
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	56 Power Steering Pressure Sensor/Switch Circuit
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	57 Ignition circuit monitoring
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	58 Cruise control lamp
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	59 Cruise control set lamp
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	60 Cruise control; cancel switch
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	61 Cruise control switch, resume
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	62 Vacuum type VIS solenoid 1 bank1 (option)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	63 ISG system built-in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	64 Blower switch
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	65 Clutch is pushed more than 10%
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	66 Battery charge warning light
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	67 Flag status of battery health(aging) (AMS)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	68 Battery: startability limit reached

Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	69 Power management, quiescent current fault
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	70 Invalid condition of battery sensor
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	71 Battery sensor fault
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	72 EGR built-in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	73 LPI system built in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	74 Bi-fuel system built in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	75 Flex fuel system built in (FFV)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	76 GDI system built in
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	77 Battery voltage
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	78 Battery voltage after IG key
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	79 Engine speed
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	80 Target idle speed
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	81 Manifold absolute pressure
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	82 Air pressure, intake manifold
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	83 Throttle position sensor angle average
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	84 Throttle opening
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	85 Water temperature
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	86 Water temperature
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	87 Intake air temperature sensor; voltage supply
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	88 IAT - Intake air temperature
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	89 Engine oil temperature
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	90 O2 sensor linear type bank1 upstream(option)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	91 O2 sensor binary type bank1 downstream(option)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	92 Vehicle speed
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	93 Boost pressure, actual value
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	94 Purge control valve
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	95 Cylinder 1 injection time
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	96 Cylinder 2 injection time
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	97 Cylinder 3 injection time
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	98 Ignition output stage cylinder 1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	99 Ignition output stage cylinder 2
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	100 Ignition output stage cylinder 3
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	101 Adaption air mass meter
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	102 Air conditioning pressure
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	103 A/C pressure
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	104 Engine coolant temperature at engine start.
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	105 Engine coolant temperature sensor (Model)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	106 Altitude adaptation
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	107 Atmospheric pressure
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	108 Injection time
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	109 Throttle position sensor
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	110 Throttle position sensor 1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	111 Throttle position sensor 2
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	112 Air mass through throttle, angle sensor 2
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	113 Electronic Throttle Control (ETC) directional duty cycle
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	114 Accelerator pedal position sensor voltage
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	115 Accelerator pedal position
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	116 Engine torque, actual value
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	117 Target engine torque
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	118 Transmission Control Unit TCU torque demand
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	119 Accelerator pedal position - Sensor 1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	120 Accelerator pedal position - Sensor 2
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	121 Adapted throttle angle for idle (S1)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	122 Air mass through throttle, angle sensor 1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	123 Throttle position sensor (Signal 1)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	124 Throttle position sensor (Signal 2)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	125 Accelerator pedal position sensor 1 circuit
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	126 Accelerator pedal position sensor 2 circuit
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	127 Fuel adaption
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	128 Fuel adaption
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	129 Relative fuel part of purge control

Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	130 Lambda control adaptation fuel (bank 1)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	131 Requested lambda regulation, sensor 1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	132 Correction value from downstream o2 sensor - bank1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	133 Filtered cycle duration O2 sensor signal up. Catalyst
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	134 Off-duration for sensor heating upstream catalyst
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	135 Off-duration for sensor heating downstream catalyst
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	136 Cyl.1 ignition retard due to knock control
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	137 Cyl.2 ignition retard due to knock control
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	138 Cyl.3 ignition retard due to knock control
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	139 Knock control cylinder 1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	140 Knock control cylinder 2
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	141 Knock control cylinder 3
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	142 Intake camshaft desired position-Bank1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	143 Intake camshaft actual position-Bank1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	144 IN-cam phaser 1 duty cycle
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	145 EX-Cam bank1 desired position
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	146 Exhaust camshaft actual position-Bank1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	147 EX-Cam phaser 1 duty cycle
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	148 Cylinder 1 Current Misfire Counter
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	149 Cylinder 2 Current Misfire Counter
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	150 Cylinder 3 Current Misfire Counter
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	151 Total counter of emission relevant misfiring of cylinder#1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	152 Total counter of emission relevant misfiring of cylinder#2
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	153 Total counter of emission relevant misfiring of cylinder#3
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	154 Total counter of catalyst damaging misfiring of cylinder#1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	155 Total counter of catalyst damaging misfiring of cylinder#2
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	156 Total counter of catalyst damaging misfiring of cylinder#3
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	157 Total counter of emission relevant misfiring of all cylinders
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	158 Total counter of catalyst damaging misfiring of all cylinders
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	159 Battery current value
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	160 Battery voltage
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	161 Battery temperature
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	162 Battery charge
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	163 Battery status
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	164 Flag status of battery health(aging) (AMS)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	165 Desired alternator voltage duty cycle(AMS)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	166 Duty cycle from alternator PWM signal(AMS)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Live Parameters	167 Nominal capacity(AMS)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	1 Check engine lamp
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	2 Immobilizer lamp
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	3 Cruise control lamp
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	4 A/C compressor relay status
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	5 Fuel pump relay
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	6 Fuel pump control
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	7 Blower fan motor-drive low
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	8 Blower fan motor-drive high
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	9 Fuel open loop
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	10 carbon filter solenoid valve
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	11 Throttle position circuit
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	12 Ignition coil 1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	13 Ignition coil 2
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	14 Ignition coil 3
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	15 Injector Disable-Cylinder 1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	16 Injector Disable-Cylinder 2
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	17 Injector Disable-Cylinder 3
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	18 CVVT Intake
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	19 Continuous variable valve timing (CVVT), exhaust
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	20 Oil control valve (bank1 intake)
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	21 Additive correction for O2 sensor heaters B1S1
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	22 Additive correction for O2 sensor heaters B1S2
Kia	Picanto II	Engine Petrol	G3LA 1,0 DOCH	Tests	23 Addictive correction for all O2 sensor heaters

Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Adaptations	1 Erase adaptive engine parameters
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	ECU Information	1 Software version, boot loader
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	ECU Information	2 ECU software number
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	ECU Information	3 Calibration Identification
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	ECU Information	4 System identification
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	1 Immobilizer built-in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	2 SMARTRA2 built-in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	3 SMARTRA3 built-in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	4 SMARTRA status
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	5 MAP sensor built-in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	6 MAF sensor built-in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	7 A/C pressure sensor
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	8 Linear O2 sensor built-in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	9 Battery sensor built-in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	10 Leak test type - under pressure system
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	11 Malfunction indicator lamp (MIL)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	12 Ignition switch
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	13 Fuel pump
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	14 Main relay
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	15 Fuel Cut Condition
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	16 Dash pot
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	17 Anti-jerk function is active
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	18 Variant coding
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	19 Clutch pedal switch
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	20 Shift lever position sensor AT
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	21 Lock-up clutch monitoring
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	22 Leaded fuel pack
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	23 Brake pedal switch
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	24 Brake lamp switch active
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	25 Engine part load
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	26 Engine full load
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	27 Engine at idle speed
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	28 Starter condition
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	29 Synchronization succeeded
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	30 Idle condition
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	31 ETC learning is finished successfully
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	32 ETC system built in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	33 Operating state AC
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	34 A/C request to ECU (A/C switch)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	35 A/C compressor
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	36 Fan Speed High
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	37 Fan Speed Low
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	38 Non-AMS system built in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	39 Sensorless AMS system built in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	40 AMS system built in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	41 Knocking
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	42 knock control
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	43 Knock control, adjustment
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	44 Condition canister purge active
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	45 Condition canister purge phase ON
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	46 Resetting valve, variable camshaft
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	47 Camshaft control
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	48 Intake Camshaft Control Circuit Bank 1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	49 Exhaust B Camshaft Profile Control Bank 1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	50 Adaption of the inlet camshaft position is successful
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	51 Adaption of the outlet camshaft position is successful
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	52 Lambda closed loop control active - upstream bank1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	53 Lambda control active
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	54 Lambda sensor heating upstream
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	55 Lambda sensor heating downstream
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	56 Power Steering Pressure Sensor/Switch Circuit

Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	57 Ignition circuit monitoring
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	58 Cruise control lamp
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	59 Cruise control set lamp
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	60 Cruise control; cancel switch
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	61 Cruise control switch, resume
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	62 Vacuum type VIS solenoid 1 bank1 (option)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	63 ISG system built-in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	64 ISG (Idle stop and go) deactivation switch
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	65 Blower switch
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	66 Gear is in neutral position(manual transmission only)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	67 Starter motor signal
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	68 Start request from key (ISG)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	69 Clutch is pushed more than 10%
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	70 Idle stop request by drivers demand
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	71 Drivers seatbelt
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	72 Driver's door
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	73 Hood switch
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	74 No idle stop by fuel system
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	75 No idle stop by torque system
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	76 No idle stop by exhaust system
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	77 No idle stop by vehicle speed condition
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	78 No idle stop by ISG component error
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	79 No idle stop by operation data
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	80 No idle stop by air conditioning system
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	81 No idle stop by invalid battery sensor data
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	82 Battery charge warning light
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	83 Flag status of battery health(aging) (AMS)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	84 Battery: startability limit reached
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	85 Power management, quiescent current fault
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	86 Invalid condition of battery sensor
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	87 Battery sensor fault
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	88 ISG inhibition condition due to urgent charging battery logic(low SOC)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	89 EGR built-in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	90 LPI system built in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	91 Bi-fuel system built in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	92 Flex fuel system built in (FFV)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	93 GDI system built in
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	94 Battery voltage
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	95 Battery voltage after IG key
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	96 Engine speed
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	97 Target idle speed
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	98 Manifold absolute pressure
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	99 Air pressure, intake manifold
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	100 Throttle position sensor angle average
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	101 Throttle opening
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	102 Water temperature
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	103 Water temperature
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	104 Intake air temperature sensor; voltage supply
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	105 IAT - Intake air temperature
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	106 Engine oil temperature
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	107 O2 sensor linear type bank1 upstream(option)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	108 O2 sensor binary type bank1 downstream(option)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	109 Vehicle speed
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	110 Boost pressure, actual value
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	111 Purge control valve
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	112 Cylinder 1 injection time
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	113 Cylinder 2 injection time
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	114 Cylinder 3 injection time
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	115 Cylinder 4 injection time
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	116 Ignition output stage cylinder 1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	117 Ignition output stage cylinder 2

Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	118 Ignition output stage cylinder 3
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	119 Ignition output stage cylinder 4
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	120 Adaption air mass meter
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	121 Air conditioning pressure
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	122 A/C pressure
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	123 Engine coolant temperature at engine start.
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	124 Engine coolant temperature sensor (Model)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	125 Altitude adaptation
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	126 Atmospheric pressure
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	127 Injection time
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	128 Throttle position sensor
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	129 Throttle position sensor 1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	130 Throttle position sensor 2
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	131 Air mass through throttle, angle sensor 2
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	132 Electronic Throttle Control (ETC) directional duty cycle
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	133 Accelerator pedal position sensor voltage
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	134 Accelerator pedal position
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	135 Engine torque, actual value
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	136 Target engine torque
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	137 Transmission Control Unit TCU torque demand
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	138 Accelerator pedal position - Sensor 1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	139 Accelerator pedal position - Sensor 2
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	140 Adapted throttle angle for idle (S1)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	141 Air mass through throttle, angle sensor 1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	142 Throttle position sensor (Signal 1)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	143 Throttle position sensor (Signal 2)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	144 Accelerator pedal position sensor 1 circuit
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	145 Accelerator pedal position sensor 2 circuit
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	146 Fuel adaption
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	147 Fuel adaption
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	148 Relative fuel part of purge control
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	149 Lambda control adaptation fuel (bank 1)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	150 Requested lambda regulation, sensor 1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	151 Correction value from downstream o2 sensor - bank1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	152 Filtered cycle duration O2 sensor signal up. Catalyst
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	153 Off-duration for sensor heating upstream catalyst
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	154 Off-duration for sensor heating downstream catalyst
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	155 Cyl.1 ignition retard due to knock control
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	156 Cyl.2 ignition retard due to knock control
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	157 Cyl.3 ignition retard due to knock control
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	158 Cyl.4 ignition retard due to knock control
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	159 Knock control cylinder 1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	160 Knock control cylinder 2
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	161 Knock control cylinder 3
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	162 Knock control cylinder 4
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	163 Intake camshaft desired position-Bank1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	164 Intake camshaft actual position-Bank1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	165 IN-cam phaser 1 duty cycle
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	166 EX-Cam bank1 desired position
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	167 Exhaust camshaft actual position-Bank1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	168 EX-Cam phaser 1 duty cycle
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	169 Cylinder 1 Current Misfire Counter
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	170 Cylinder 2 Current Misfire Counter
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	171 Cylinder 3 Current Misfire Counter
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	172 Cylinder 4 Current Misfire Counter
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	173 Total counter of emission relevant misfiring of cylinder#1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	174 Total counter of emission relevant misfiring of cylinder#2
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	175 Total counter of emission relevant misfiring of cylinder#3
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	176 Total counter of emission relevant misfiring of cylinder#4
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	177 Total counter of catalyst damaging misfiring of cylinder#1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	178 Total counter of catalyst damaging misfiring of cylinder#2

Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	179 Total counter of catalyst damaging misfiring of cylinder#3
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	180 Total counter of catalyst damaging misfiring of cylinder#4
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	181 Total counter of emission relevant misfiring of all cylinders
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	182 Total counter of catalyst damaging misfiring of all cylinders
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	183 Battery current value
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	184 Battery voltage
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	185 Battery temperature
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	186 Battery charge
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	187 Battery status
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	188 Flag status of battery health(aging) (AMS)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	189 Engine stop
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	190 Brake booster pressure sensor
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	191 Brake booster pressure sensor volt
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	192 Desired alternator voltage duty cycle(AMS)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	193 Duty cycle from alternator PWM signal(AMS)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	194 Nominal capacity(AMS)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	195 Counter the number of low SOC (battery charge) at start
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	1 Check engine lamp
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	2 Immobilizer lamp
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	3 Cruise control lamp
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	4 A/C compressor relay status
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	5 Fuel pump relay
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	6 Fuel pump control
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	7 Blower fan motor-drive low
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	8 Blower fan motor-drive high
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	9 Fuel open loop
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	10 carbon filter solenoid valve
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	11 Throttle position circuit
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	12 Ignition coil 1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	13 Ignition coil 2
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	14 Ignition coil 3
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	15 Ignition coil 4
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	16 Injector Disable-Cylinder 1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	17 Injector Disable-Cylinder 2
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	18 Injector Disable-Cylinder 3
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	19 Injector Disable-Cylinder 4
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	20 CVVT Intake
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	21 Continuous variable valve timing (CVVT), exhaust
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	22 Oil control valve (bank1 intake)
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	23 Additive correction for O2 sensor heaters B1S1
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	24 Additive correction for O2 sensor heaters B1S2
Kia	Picanto II	Engine Petrol	G4LA 1,2 DOCH	Tests	25 Addictive correction for all O2 sensor heaters
Kia	Picanto II	Immobiliser	Immobiliser	Live Parameters	1 Number of enabled keys
Kia	Picanto II	Immobiliser	Immobiliser	Live Parameters	2 ECU status
Kia	Picanto II	Immobiliser	Immobiliser	Live Parameters	3 Key status
Kia	Picanto II	Immobiliser	Immobiliser	Live Parameters	4 Immobilizer status
Kia	Picanto II	Restraints	Airbag	ECU Information	1 Vehicle information
Kia	Picanto II	Restraints	Airbag	ECU Information	2 Control unit ID
Kia	Picanto II	Restraints	Airbag	ECU Information	3 System name
Kia	Picanto II	Restraints	Airbag	ECU Information	4 Manufacturing date day
Kia	Picanto II	Restraints	Airbag	ECU Information	5 ECU code
Kia	Picanto II	Restraints	Airbag	Live Parameters	1 Passenger Occupant Classification Sensor
Kia	Picanto II	Restraints	Airbag	Live Parameters	2 Passenger occupant detection
Kia	Picanto II	Restraints	Airbag	Live Parameters	3 Switch passenger airbag
Kia	Picanto II	Restraints	Airbag	Live Parameters	4 Battery voltage
Kia	Picanto II	Restraints	Airbag	Live Parameters	5 Driver Seat Track Position Sensor
Kia	Picanto II	Restraints	Airbag	Live Parameters	6 Passenger seat track position sensor
Kia	Picanto II	Restraints	Airbag	Live Parameters	7 Driver buckle switch status
Kia	Picanto II	Restraints	Airbag	Live Parameters	8 Passenger buckle switch status
Kia	Picanto II	Restraints	Airbag	Live Parameters	9 1st level, drivers airbag resistance
Kia	Picanto II	Restraints	Airbag	Live Parameters	10 2nd level, drivers airbag resistance

Kia	Picanto II	Restraints	Airbag	Live Parameters	11 1st level, passenger airbag resistance
Kia	Picanto II	Restraints	Airbag	Live Parameters	12 2nd level, passenger airbag resistance
Kia	Picanto II	Restraints	Airbag	Live Parameters	13 Driver pretensioner ignition squib
Kia	Picanto II	Restraints	Airbag	Live Parameters	14 Squib circuit, belt tensioner, passenger side
Kia	Picanto II	Restraints	Airbag	Live Parameters	15 Driver side, side airbag squib circuit, resistance
Kia	Picanto II	Restraints	Airbag	Live Parameters	16 Passenger side, side airbag squib circuit, resistance
Kia	Picanto II	Restraints	Airbag	Live Parameters	17 Rear driver side airbag squib circuit
Kia	Picanto II	Restraints	Airbag	Live Parameters	18 Rear passenger side, side airbag squib circuit, resistance
Kia	Picanto II	Restraints	Airbag	Live Parameters	19 Driver Curtain Airbag
Kia	Picanto II	Restraints	Airbag	Live Parameters	20 Passenger Curtain Airbag
Kia	Picanto II	Restraints	Airbag	Live Parameters	21 Anchor fitting tensioner ignition squib, driver side
Kia	Picanto II	Restraints	Airbag	Live Parameters	22 Anchor fitting tensioner ignition squib, passenger side
Kia	Picanto II	Restraints	Airbag	Live Parameters	23 Driver knee airbag, resistance
Kia	Picanto II	Restraints	Airbag	Live Parameters	24 Passenger knee airbag, resistance
Kia	Picanto II	Steering	Power steering	ECU Information	1 Vehicle type
Kia	Picanto II	Steering	Power steering	ECU Information	2 System name
Kia	Picanto II	Steering	Power steering	ECU Information	3 Type
Kia	Picanto II	Steering	Power steering	ECU Information	4 ECU version
Kia	Picanto II	Steering	Power steering	ECU Information	5 Part number
Kia	Picanto II	Steering	Power steering	ECU Information	6 Software programming date
Kia	Picanto II	Steering	Power steering	ECU Information	7 ECU manufacturing date
Kia	Picanto II	Steering	Power steering	Live Parameters	1 Battery voltage
Kia	Picanto II	Steering	Power steering	Live Parameters	2 Steering wheel torque
Kia	Picanto II	Steering	Power steering	Live Parameters	3 Target motor current
Kia	Picanto II	Steering	Power steering	Live Parameters	4 Vehicle speed
Kia	Picanto II	Steering	Power steering	Live Parameters	5 Engine speed
Kia	Picanto II	Steering	Power steering	Live Parameters	6 Measured motor current
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	ECU Information	1 Vehicle version
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	ECU Information	2 Engine type
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	ECU Information	3 Market ID
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	ECU Information	4 Vehicle version
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	1 MIL status
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	2 Fuel system
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	3 Engine load
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	4 ECT-sensor
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	5 Short term fuel trim bank 1
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	6 Short term fuel trim bank 1
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	7 Long term fuel trim bank 1
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	8 Long term fuel trim bank 1
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	9 Engine speed
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	10 Vehicle speed
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	11 IAT - Intake air temperature
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	12 MAF (Mass Air Flow)
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	13 Throttle position sensor
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	14 O2 sensor
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	15 O2 sensor bank1 sensor1
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	16 Short term fuel trim bank 1 sensor 1
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	17 O2 sensor bank1 sensor2
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	18 OBD requirements
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	19 Ignition switch status
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	20 AC compressor
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	21 AC switch
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	22 Power steering switch
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	23 Headlamp switch
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	24 Torque reduction
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	25 AC relay
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	26 Cooling fan relay
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	27 Fuel pump relay
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	28 Main relay
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	29 Knock sensor
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	30 Throttle position sensor

Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	31 Battery voltage
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	32 ECT-sensor
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	33 IAT-sensor
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	34 MAF-sensor voltage supply
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	35 Injection duration cylinder 1
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	36 Injection duration cylinder 2
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	37 Injection duration cylinder 3
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	38 Injection duration cylinder 4
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	39 Torque reduction
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	40 HO2S Heater Control Circuit (Bank 1, Sensor 1)
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	41 HO2S Heater Control Circuit (Bank 1, Sensor 2)
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	42 Purge control valve
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	43 Opening coil, idle-speed actuator
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	44 Closing coil, idle-speed actuator
Kia	Rio I	Engine Petrol	A3E 1,3 Gasoline	Live Parameters	45 Distance driven with MIL on (km)
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	ECU Information	1 Vehicle version
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	ECU Information	2 Engine type
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	ECU Information	3 Market ID
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	ECU Information	4 Vehicle version
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	1 MIL status
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	2 Fuel system
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	3 Engine load
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	4 ECT-sensor
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	5 Short term fuel trim bank 1
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	6 Short term fuel trim bank 1
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	7 Long term fuel trim bank 1
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	8 Long term fuel trim bank 1
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	9 Engine speed
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	10 Vehicle speed
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	11 IAT - Intake air temperature
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	12 MAF (Mass Air Flow)
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	13 Throttle position sensor
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	14 O2 sensor
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	15 O2 sensor bank1 sensor1
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	16 Short term fuel trim bank 1 sensor 1
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	17 O2 sensor bank1 sensor2
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	18 OBD requirements
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	19 Ignition switch status
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	20 AC compressor
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	21 AC switch
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	22 Power steering switch
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	23 Headlamp switch
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	24 Torque reduction
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	25 AC relay
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	26 Cooling fan relay
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	27 Fuel pump relay
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	28 Main relay
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	29 Knock sensor
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	30 Throttle position sensor
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	31 Battery voltage
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	32 ECT-sensor
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	33 IAT-sensor
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	34 MAF-sensor voltage supply
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	35 Injection duration cylinder 1
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	36 Injection duration cylinder 2
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	37 Injection duration cylinder 3
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	38 Injection duration cylinder 4
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	39 Torque reduction
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	40 HO2S Heater Control Circuit (Bank 1, Sensor 1)
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	41 HO2S Heater Control Circuit (Bank 1, Sensor 2)
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	42 Purge control valve

Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	43 Opening coil, idle-speed actuator
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	44 Closing coil, idle-speed actuator
Kia	Rio I	Engine Petrol	A5D 1,5 Gasoline	Live Parameters	45 Distance driven with MIL on (km)
Kia	Rio II	Brake System	ABS - Anti-lock braking system	ECU Information	1 Identification check
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	1 Vehicle speed
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	2 Battery voltage
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	3 Reference voltage
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	4 Front left wheel speed sensor
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	5 Front right wheel speed sensor
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	6 Rear left wheel speed sensor
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	7 Rear right wheel speed sensor
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	8 Steering wheel angle sensor signal, S1
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	9 Steering wheel angle sensor signal, S2
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	10 Steering Angle Sensor Circuit-Signal
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	11 ABS warning lamp
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	12 EBD warning lamp
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	13 TCS/ESP warning lamp
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	14 TCS off indicator
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	15 TCS power switch
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	16 Brake switch
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	17 Motor relay
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	18 valve relay
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	19 Motor
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	20 ABS inlet valve front left
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	21 ABS inlet valve front right
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	22 ABS inlet valve rear left
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	23 ABS inlet valve rear right
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	24 ABS outlet valve front left
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	25 ABS outlet valve front right
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	26 ABS outlet valve rear left
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	27 ABS outlet valve rear right
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	28 Front LH traction control valve
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	29 Front RH traction control valve
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	30 Shuttle valve(FL)
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	31 Shuttle valve(FR)
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	32 Yaw rate and lateral acceleration sensor
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	33 Pressure sensor
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Live Parameters	34 Steering angle sensor
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Tests	1 Motor
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Tests	2 ABS inlet valve front left
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Tests	3 ABS inlet valve front right
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Tests	4 ABS inlet valve rear left
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Tests	5 ABS inlet valve rear right
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Tests	6 ABS outlet valve front left
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Tests	7 ABS outlet valve front right
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Tests	8 ABS outlet valve rear left
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Tests	9 ABS outlet valve rear right
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Tests	10 Front LH traction control valve
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Tests	11 Front RH traction control valve
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Tests	12 Electronic shuttle valve(FR)
Kia	Rio II	Brake System	ABS - Anti-lock braking system	Tests	13 Electronic shuttle valve(FL)
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	ECU Information	1 Calibration number
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	ECU Information	2 Hardware number
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	ECU Information	3 ROM (Read only memory)
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	1 Ignition lock
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	2 Battery voltage
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	3 Fuel quantity
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	4 Fuel pressure measured
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	5 Rail pressure regulator
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	6 Fuel temperature
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	7 Target fuel pressure

Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	8 MAF (Mass Air Flow)
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	9 Air inlet temperature sensor
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	10 EGR valve
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	11 Atmospheric pressure sensor
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	12 Coolant temperature sensor
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	13 Clutch pedal switch
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	14 Neutral or first gear
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	15 Redundant brake pedal
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	16 Brake pedal switch
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	17 Accelerator pedal position 1
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	18 Accelerator pedal position 2
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	19 Control of AC compressor
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	20 Accelerator pedal position sensor
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	21 Blower switch
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	22 Fan Speed Low
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	23 Fan Speed High
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	24 Glowplug relay
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	25 Auxiliary heater
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	26 Boost pressure sensor
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	27 VGT valve
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	28 Check engine lamp
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	29 Vehicle speed information
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	30 Immobilizer lamp
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	31 Injection pump regulator
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	32 A/C pressure sensor
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	33 Throttle actuator
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	34 O2s subtract voltage
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	35 Lambda sensor
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	36 Lambda sensor temperature monitoring
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	37 O2 sensor heater duty
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	38 O2s state of adaption
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	39 Mass air flow per cylinder
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	40 Status of signal app/brk
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	41 Boost pressure sensor
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	42 Vehicle acceleration
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	43 Theoretical engine charge
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	44 AT/MT (Gearbox) information
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	45 Engine torque, actual value
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	46 Engine torque, target value
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	47 Current frictional torque
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	48 Immobilisation/Alarm system
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	49 AC compressor relay
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	50 Engine torque multiplexed, Actual torque
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	51 Engine torque multiplexed, Expected torque
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	52 AT/MT (Gearbox) information
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	53 Fuel temp sensor
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	54 Air inlet temperature sensor
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	55 Glow time lamp
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	56 Engine speed
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Live Parameters	57 V/swirl actuator (U/D/S)
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	1 AC compressor relay
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	2 Check engine lamp
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	3 Relay, preheater
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	4 Fan Speed High
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	5 Fan Speed Low
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	6 Cruise control lamp
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	7 Cruise control set lamp
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	8 Glow plug lamp
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	9 Glowplug relay
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	10 Immobilizer lamp
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	11 VGT valve

Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	12 EGR valve
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	13 Throttle control valve
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	14 Pressure regulation valve (MPROP)
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	15 Variable swirl control actuator
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	16 Rail pressure regulator
Kia	Rio II	Engine Diesel	D4FA 1,5 VGT	Tests	17 Lambda sensor heater
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Adaptations	1 Erase adaptive engine parameters
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	ECU Information	1 Software version, boot loader
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	ECU Information	2 ECU software
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	ECU Information	3 Calibration number
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	ECU Information	4 Supplier, software version
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	1 Gear lever position
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	2 Operating state AC
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	3 A/C switch
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	4 Malfunction indicator lamp (MIL)
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	5 A/C compressor
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	6 Fan Speed Low
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	7 Fan Speed High
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	8 Ignition lock
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	9 Idle status
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	10 Wide open throttle
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	11 Fuel shut off
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	12 Starter motor signal
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	13 Fuel pump relay
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	14 Multiport fuel injection(MFI) control relay
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	15 Camshaft position sensor and Crankshaft position sensor synchronized
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	16 Air fuel closed loop
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	17 Knocking
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	18 Engine running
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	19 Lambda regulation, bank 1 sensor 1
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	20 Lambda regulation, bank 1 sensor 2
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	21 Carbon filter solenoid valve
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	22 Carbon filter solenoid valve, duty cycle
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	23 Idle speed control
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	24 MAP sensor
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	25 MAP sensor
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	26 Engine load
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	27 Throttle position sensor
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	28 Throttle position sensor
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	29 Adaptive idle opening
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	30 Engine speed
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	31 Battery voltage
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	32 Battery charge
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	33 Water temperature
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	34 IAT - Intake air temperature
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	35 Purge control valve
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	36 Injection duration cylinder 1
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	37 Injection duration cylinder 2
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	38 Injection duration cylinder 3
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	39 Injection duration cylinder 4
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	40 Engine torque, actual value
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	41 Abnormal torque rise request from TCS
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	42 O2 sensor bank1 sensor1
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	43 O2 sensor bank1 sensor2
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	44 Target idle speed
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	45 Idle speed regulator
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	46 Ignition timing cylinder #1
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	47 Ignition timing cylinder #2
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	48 Ignition timing cylinder #3
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	49 Ignition timing cylinder #4
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	50 Short term fuel trim

Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	51 Long term fuel trim at idle
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	52 Long term fuel part load
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	53 Knock control cylinder 1
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	54 Knock control cylinder 2
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	55 Knock control cylinder 3
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	56 Knock control cylinder 4
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Live Parameters	57 Distance driven with MIL on (km)
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	1 Malfunction indicator lamp (MIL)
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	2 Fuel pump relay
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	3 AC-relay
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	4 Fuel pump
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	5 Immobilizer lamp
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	6 Fan Speed High
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	7 Fan Speed Low
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	8 carbon filter solenoid valve
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	9 Idle speed regulator
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	10 Injector cylinder 1
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	11 Injector cylinder 2
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	12 Injector cylinder 3
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	13 Injector cylinder 4
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	14 Ignition coil 1
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	15 Ignition coil 2
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	16 Ignition coil 3
Kia	Rio II	Engine Petrol	G4EE 1,4 DOCH	Tests	17 Ignition coil 4
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Adaptations	1 Erase adaptive engine parameters
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	ECU Information	1 Software version, boot loader
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	ECU Information	2 ECU software
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	ECU Information	3 Calibration number
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	ECU Information	4 Supplier, software version
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	1 Selector switch
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	2 Operating state AC
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	3 AC switch
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	4 Malfunction indicator lamp (MIL)
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	5 AC-compressor
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	6 Fan Speed Low
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	7 Fan Speed High
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	8 Ignition switch status
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	9 Idle status
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	10 Wide open throttle
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	11 Cut-off status
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	12 Starter motor signal
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	13 Fuel pump relay
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	14 Multiport fuel injection(MFI) control relay
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	15 Camshaft position sensor and Crankshaft position sensor synchronized
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	16 Air fuel closed loop
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	17 Knocking
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	18 Engine running
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	19 Lambda regulation, bank 1 sensor 1
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	20 Lambda regulation, bank 1 sensor 2
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	21 Carbon filter solenoid valve
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	22 Carbon filter solenoid valve, duty cycle
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	23 Idle control
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	24 MAP sensor
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	25 MAP sensor
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	26 Engine load
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	27 Throttle position sensor
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	28 Throttle position sensor
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	29 Adaptive idle opening
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	30 Engine speed
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	31 Battery voltage
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	32 Battery charge

Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	33 Water temperature
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	34 IAT - Intake air temperature
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	35 Purge control valve
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	36 Injection duration cylinder 1
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	37 Injection duration cylinder 2
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	38 Injection duration cylinder 3
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	39 Injection duration cylinder 4
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	40 Engine torque, actual value
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	41 Abnormal torque rise request from TCS
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	42 O2 sensor bank1 sensor1
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	43 O2 sensor bank1 sensor2
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	44 Target idle speed
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	45 Idle speed regulator
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	46 Ignition timing cylinder #1
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	47 Ignition timing cylinder #2
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	48 Ignition timing cylinder #3
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	49 Ignition timing cylinder #4
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	50 Short term fuel trim
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	51 Long term fuel trim at idle
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	52 Long term fuel part load
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	53 Knock control cylinder 1
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	54 Knock control cylinder 2
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	55 Knock control cylinder 3
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Live Parameters	56 Knock control cylinder 4
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Tests	1 Malfunction indicator lamp (MIL)
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Tests	2 Fuel pump relay
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Tests	3 AC relay
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Tests	4 Fuel pump
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Tests	5 Immobilizer lamp
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Tests	6 High speed radiator fan relay
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Tests	7 Low speed radiator fan relay
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Tests	8 carbon filter solenoid valve
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Tests	9 Idle speed regulator
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Tests	10 Injector cylinder 1
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Tests	11 Injector cylinder 2
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Tests	12 Injector cylinder 3
Kia	Rio II	Engine Petrol	G4EE 1,4 DOHC	Tests	13 Injector cylinder 4
Kia	Rio II	Gearbox / Automatic Trar Gearbox		ECU Information	1 Calibration Identification
Kia	Rio II	Gearbox / Automatic Trar Gearbox		ECU Information	2 Software version, boot loader
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	1 Engine speed
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	2 Vehicle speed
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	3 Throttle position
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	4 Input speed
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	5 Output speed
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	6 Torque Converter Clutch solenoid duty
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	7 Torque converter clutch slip
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	8 Pressure control solenoid valve A
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	9 Pressure Control Solenoid Valve 2 System
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	10 Shift control solenoid valve A
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	11 Shift control solenoid valve B
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	12 Shift control solenoid valve C
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	13 Oil temperature sensor
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	14 Gearbox ratio
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	15 Gearshift sensor position
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	16 Shift lever switch AT
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	17 A/C switch
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	18 Kick down switch
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	19 Over drive off switch
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	20 Brake switch
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	21 Overdrive Off lamp status
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Live Parameters	22 Engine torque

Kia	Rio II	Gearbox / Automatic Trar Gearbox		Tests	1 Shift control solenoid valve A
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Tests	2 Shift control solenoid valve B
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Tests	3 Shift control solenoid valve C
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Tests	4 Pressure control solenoid valve A
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Tests	5 Pressure Control Solenoid B Control Circuit
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Tests	6 Torque converter clutch solenoid
Kia	Rio II	Gearbox / Automatic Trar Gearbox		Tests	7 Over drive off warning lamp
Kia	Rio II	Immobiliser	Immobiliser	Live Parameters	1 Programmed keys
Kia	Rio II	Immobiliser	Immobiliser	Live Parameters	2 ECU status immobilizer
Kia	Rio II	Immobiliser	Immobiliser	Live Parameters	3 Key status
Kia	Rio II	Immobiliser	Immobiliser	Live Parameters	1 Number of enabled keys
Kia	Rio II	Immobiliser	Immobiliser	Live Parameters	2 ECU status
Kia	Rio II	Immobiliser	Immobiliser	Live Parameters	3 Key status
Kia	Rio II	Immobiliser	Immobiliser - Diesel	Live Parameters	1 Programmed keys
Kia	Rio II	Immobiliser	Immobiliser - Diesel	Live Parameters	2 ECU status immobilizer
Kia	Rio II	Immobiliser	Immobiliser - Diesel	Live Parameters	3 Key status
Kia	Rio II	Restraints	Airbag	ECU Information	1 Vehicle ID
Kia	Rio II	Restraints	Airbag	ECU Information	2 Control unit ID
Kia	Rio II	Restraints	Airbag	ECU Information	3 System name
Kia	Rio II	Restraints	Airbag	ECU Information	4 date
Kia	Rio II	Restraints	Airbag	ECU Information	5 Diagnostic version
Kia	Rio II	Restraints	Airbag	ECU Information	1 Vehicle ID
Kia	Rio II	Restraints	Airbag	ECU Information	2 Control unit ID
Kia	Rio II	Restraints	Airbag	ECU Information	3 System name
Kia	Rio II	Restraints	Airbag	ECU Information	4 date
Kia	Rio II	Restraints	Airbag	ECU Information	5 Diagnostic version
Kia	Rio II	Restraints	Airbag	Live Parameters	1 Passenger airbag
Kia	Rio II	Restraints	Airbag	Live Parameters	1 Passenger airbag
Kia	Rio III	Body Control Module	Body control module	Adaptations	1 Automatic door locking
Kia	Rio III	Body Control Module	Body control module	Adaptations	2 Door Unlock Status
Kia	Rio III	Body Control Module	Body control module	Adaptations	3 One touch triple turn signal
Kia	Rio III	Body Control Module	Body control module	Adaptations	4 Head lamp escort
Kia	Rio III	Body Control Module	Body control module	Adaptations	5 Automatic lightning function
Kia	Rio III	Body Control Module	Body control module	ECU Information	1 Vehicle ID
Kia	Rio III	Body Control Module	Body control module	ECU Information	2 Control unit ID
Kia	Rio III	Body Control Module	Body control module	ECU Information	3 Version name
Kia	Rio III	Body Control Module	Body control module	ECU Information	4 Manufacturing date
Kia	Rio III	Body Control Module	Body control module	ECU Information	5 Software version
Kia	Rio III	Body Control Module	Body control module	ECU Information	6 Hardware version
Kia	Rio III	Body Control Module	Body control module	ECU Information	7 Algorithm version
Kia	Rio III	Body Control Module	Body control module	Live Parameters	1 Key-in switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	2 ACC
Kia	Rio III	Body Control Module	Body control module	Live Parameters	3 Ignition 1
Kia	Rio III	Body Control Module	Body control module	Live Parameters	4 Ignition 2
Kia	Rio III	Body Control Module	Body control module	Live Parameters	5 Startup inhibition from Stop&Start, states
Kia	Rio III	Body Control Module	Body control module	Live Parameters	6 Power window relay
Kia	Rio III	Body Control Module	Body control module	Live Parameters	7 Taillight switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	8 Headlamp switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	9 Automatic lighting button
Kia	Rio III	Body Control Module	Body control module	Live Parameters	10 Headlamp switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	11 RPAS off switch indicator
Kia	Rio III	Body Control Module	Body control module	Live Parameters	12 Hazard Light Switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	13 Indicator lamp for left turn signal
Kia	Rio III	Body Control Module	Body control module	Live Parameters	14 Right Turn Signal Lights Command
Kia	Rio III	Body Control Module	Body control module	Live Parameters	15 Front fogs switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	16 Button rear fog lights
Kia	Rio III	Body Control Module	Body control module	Live Parameters	17 Daytime running lights
Kia	Rio III	Body Control Module	Body control module	Live Parameters	18 Side airbag
Kia	Rio III	Body Control Module	Body control module	Live Parameters	19 Lamp Tail Output Circuit Open
Kia	Rio III	Body Control Module	Body control module	Live Parameters	20 Head lamp output
Kia	Rio III	Body Control Module	Body control module	Live Parameters	21 High-beam headlamps status

Kia	Rio III	Body Control Module	Body control module	Live Parameters	22 Automatic Headlamp Leveling Control Module Low Beam, Input Circuit
Kia	Rio III	Body Control Module	Body control module	Live Parameters	23 Buzzer
Kia	Rio III	Body Control Module	Body control module	Live Parameters	24 Alarm signal output
Kia	Rio III	Body Control Module	Body control module	Live Parameters	25 Activation of hazard warning light
Kia	Rio III	Body Control Module	Body control module	Live Parameters	26 Left turn signal light
Kia	Rio III	Body Control Module	Body control module	Live Parameters	27 Right Turn Signal
Kia	Rio III	Body Control Module	Body control module	Live Parameters	28 Front fog lamps
Kia	Rio III	Body Control Module	Body control module	Live Parameters	29 Rear fog lights
Kia	Rio III	Body Control Module	Body control module	Live Parameters	30 Dedicated DRL SCG
Kia	Rio III	Body Control Module	Body control module	Live Parameters	31 Interior lamps output
Kia	Rio III	Body Control Module	Body control module	Live Parameters	32 Ignition key hole illumination(Manual key type)
Kia	Rio III	Body Control Module	Body control module	Live Parameters	33 Interior Lamps
Kia	Rio III	Body Control Module	Body control module	Live Parameters	34 Indicator lamp for central locking
Kia	Rio III	Body Control Module	Body control module	Live Parameters	35 RPAS off indicator
Kia	Rio III	Body Control Module	Body control module	Live Parameters	36 Hazard warning lights indicator light circuit
Kia	Rio III	Body Control Module	Body control module	Live Parameters	37 Defogger / deicer switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	38 Defroster
Kia	Rio III	Body Control Module	Body control module	Live Parameters	39 Driver seat belt switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	40 Front passenger seat belt switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	41 Left rear seatbelt buckle switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	42 Rear centre seat belt switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	43 Rear right side seat belt switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	44 Indication lamp seat belt, driver
Kia	Rio III	Body Control Module	Body control module	Live Parameters	45 Passenger seatbelt indicator
Kia	Rio III	Body Control Module	Body control module	Live Parameters	46 Left rear seatbelt buckle switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	47 Center rear seat belt buckle
Kia	Rio III	Body Control Module	Body control module	Live Parameters	48 Right rear seatbelt buckle switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	49 Driver door switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	50 Passenger door switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	51 Trunk Lid Latch Contact Switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	52 Hood switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	53 Door lock switch, rear left
Kia	Rio III	Body Control Module	Body control module	Live Parameters	54 Door lock switch, rear right
Kia	Rio III	Body Control Module	Body control module	Live Parameters	55 Door lock switch, driver side
Kia	Rio III	Body Control Module	Body control module	Live Parameters	56 Door lock switch, passenger side
Kia	Rio III	Body Control Module	Body control module	Live Parameters	57 Rear left door lock position switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	58 Rear right door lock position switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	59 Driver door key lock switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	60 Driver door key unlock switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	61 Passenger Door Key, Unlock Switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	62 Central power window switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	63 Tailgate Release Switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	64 Unlock
Kia	Rio III	Body Control Module	Body control module	Live Parameters	65 Lock
Kia	Rio III	Body Control Module	Body control module	Live Parameters	66 Door with deadlock function lock / unlock command
Kia	Rio III	Body Control Module	Body control module	Live Parameters	67 Release trunk lid/tailgate
Kia	Rio III	Body Control Module	Body control module	Live Parameters	68 Front Washer Switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	69 Windscreen wiper interval
Kia	Rio III	Body Control Module	Body control module	Live Parameters	70 Single wipe
Kia	Rio III	Body Control Module	Body control module	Live Parameters	71 Wiper Low Speed Switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	72 Rear washer switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	73 Rear wiper, interval
Kia	Rio III	Body Control Module	Body control module	Live Parameters	74 Rear wiper: on
Kia	Rio III	Body Control Module	Body control module	Live Parameters	75 Rear wiper output
Kia	Rio III	Body Control Module	Body control module	Live Parameters	76 Crash signal
Kia	Rio III	Body Control Module	Body control module	Live Parameters	77 Navi wakeup signal output
Kia	Rio III	Body Control Module	Body control module	Live Parameters	78 Inhibitor switch :P
Kia	Rio III	Body Control Module	Body control module	Live Parameters	79 Inhibitor switch :R
Kia	Rio III	Body Control Module	Body control module	Live Parameters	80 Inhibitor switch :N
Kia	Rio III	Body Control Module	Body control module	Live Parameters	81 Inhibitor switch :D
Kia	Rio III	Body Control Module	Body control module	Live Parameters	82 Stop light switch

Kia	Rio III	Body Control Module	Body control module	Live Parameters	83 Parking brake switch
Kia	Rio III	Body Control Module	Body control module	Live Parameters	84 Tail AV
Kia	Rio III	Body Control Module	Body control module	Live Parameters	85 ATM solenoid (Automatic transmission)
Kia	Rio III	Body Control Module	Body control module	Live Parameters	86 Static curve light, left
Kia	Rio III	Body Control Module	Body control module	Live Parameters	87 Static curve light, right
Kia	Rio III	Body Control Module	Body control module	Live Parameters	88 Interval wiping
Kia	Rio III	Body Control Module	Body control module	Live Parameters	89 Light sensor
Kia	Rio III	Body Control Module	Body control module	Live Parameters	90 Key status
Kia	Rio III	Body Control Module	Body control module	Live Parameters	91 Number of registered immobilizer key
Kia	Rio III	Body Control Module	Body control module	Tests	1 Unlock
Kia	Rio III	Body Control Module	Body control module	Tests	2 Lock
Kia	Rio III	Body Control Module	Body control module	Tests	3 Deadlocking of the locks, output
Kia	Rio III	Body Control Module	Body control module	Tests	4 Release trunk lid/tailgate
Kia	Rio III	Body Control Module	Body control module	Tests	5 Front wiper low
Kia	Rio III	Body Control Module	Body control module	Tests	6 Rear wiper output
Kia	Rio III	Body Control Module	Body control module	Tests	7 Start inhibitor relay
Kia	Rio III	Body Control Module	Body control module	Tests	8 Power window
Kia	Rio III	Body Control Module	Body control module	Tests	9 Lamp Tail Output Circuit Open
Kia	Rio III	Body Control Module	Body control module	Tests	10 Head lamp output
Kia	Rio III	Body Control Module	Body control module	Tests	11 High-beam headlamps status
Kia	Rio III	Body Control Module	Body control module	Tests	12 Automatic Headlamp Leveling Control Module Low Beam, Input Circuit
Kia	Rio III	Body Control Module	Body control module	Tests	13 Activation of hazard warning light
Kia	Rio III	Body Control Module	Body control module	Tests	14 Left direction indicator output
Kia	Rio III	Body Control Module	Body control module	Tests	15 Right direction indicator output
Kia	Rio III	Body Control Module	Body control module	Tests	16 Front fog lamps
Kia	Rio III	Body Control Module	Body control module	Tests	17 Rear fog lights
Kia	Rio III	Body Control Module	Body control module	Tests	18 Alarm signal output
Kia	Rio III	Body Control Module	Body control module	Tests	19 Defroster
Kia	Rio III	Body Control Module	Body control module	Tests	20 Interior lamps output
Kia	Rio III	Body Control Module	Body control module	Tests	21 Ignition key hole illumination(Manual key type)
Kia	Rio III	Body Control Module	Body control module	Tests	22 Dedicated DRL SCG
Kia	Rio III	Body Control Module	Body control module	Tests	23 Interior Lamps
Kia	Rio III	Body Control Module	Body control module	Tests	24 Indicator lamp for central locking
Kia	Rio III	Body Control Module	Body control module	Tests	25 RPAS off switch indicator
Kia	Rio III	Body Control Module	Body control module	Tests	26 Indication lamp seat belt, driver
Kia	Rio III	Body Control Module	Body control module	Tests	27 Passenger seatbelt indicator
Kia	Rio III	Body Control Module	Body control module	Tests	28 Left Rear Seat Belt Indicator
Kia	Rio III	Body Control Module	Body control module	Tests	29 Rear Middle Seat Belt Indicator
Kia	Rio III	Body Control Module	Body control module	Tests	30 Right Rear Seat Belt Indicator
Kia	Rio III	Body Control Module	Body control module	Tests	31 Navi wakeup signal output
Kia	Rio III	Body Control Module	Body control module	Tests	32 Tail AV
Kia	Rio III	Body Control Module	Body control module	Tests	33 ATM solenoid (Automatic transmission)
Kia	Rio III	Body Control Module	Body control module	Tests	34 Buzzer
Kia	Rio III	Body Control Module	Body control module	Tests	35 Static curve light, left
Kia	Rio III	Body Control Module	Body control module	Tests	36 Static curve light, right
Kia	Rio III	Body Control Module	Body control module	Tests	37 Hazard warning lights indicator light circuit
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Adaptations	1 Gyrometer/accelerometer sensor calibration
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Adaptations	2 Variant coding reset
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	ECU Information	1 Vehicle type
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	ECU Information	2 ECU software version
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	ECU Information	3 Software version
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	1 Engine speed
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	2 Vehicle speed
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	3 Throttle position
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	4 Battery positive voltage
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	5 Front left wheel speed sensor
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	6 Front right wheel speed sensor
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	7 Rear left wheel speed sensor
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	8 Rear right wheel speed sensor
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	9 G Sensor (longitudinal)
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	10 ABS warning lamp

Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	11 EBD warning lamp
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	12 TCS/ESP warning lamp
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	13 ESP OFF lamp
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	14 ESP control ON/OFF button
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	15 Brake light switch
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	16 Brake switch
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	17 Hazard Switch Status
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	18 Motor relay
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	19 valve relay
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	20 Hill assist brake lamp
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	21 ESS brake lamp [ESS only]
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	22 Motor
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	23 Inlet valve front left
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	24 Inlet valve front right
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	25 Inlet valve rear left
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	26 Inlet valve rear right
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	27 Outlet valve front left
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	28 Outlet valve front right
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	29 Outlet valve rear left
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	30 Outlet valve rear right
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	31 TCS, ESV valves - TCL valve(ESP only)
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	32 TCS, ESV valves - TCR valve(ESP only)
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	33 TCS, ESV valves- ESV-L valve(ESP only)
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	34 TCS, ESV valves - ESV-R valve(ESP only)
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	35 ESP steering angle sensor signal
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	36 G Sensor (lateral)
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	37 Yaw rate sensor
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	38 Pressure sensor - positive(ESP only)
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Live Parameters	39 Pressure sensor - Negative(ESP only)
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	1 Motor
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	2 Inlet valve front left
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	3 Inlet valve front right
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	4 Inlet valve rear left
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	5 Inlet valve rear right
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	6 Outlet valve front left
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	7 Outlet valve front right
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	8 Outlet valve rear left
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	9 Outlet valve rear right
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	10 TCS Valve Left front
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	11 TCS Valve Right front
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	12 Electric shuttle Valve Right front
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	13 Electric shuttle Valve Left front
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	14 DBC/HAC brake lamp relay(DBC/HAC Only)
Kia	Rio III	Brake System	ABS/ESP - electronic stability program	Tests	15 ESS Brake lamp relay(ESS Only)
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	1 High pressure pump
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	2 EGR valve
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	3 Coding
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	4 Swirl control valve change
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	5 Catalytic particle filter (CPF) change
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	6 Differential pressure sensor (Particle filter) change
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	7 Regeneration Reset
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	8 Cylinder 1 injector code
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	9 Cylinder 2 injector code
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	10 Cylinder 3 injector code
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	11 Cylinder 4 injector code
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	1 Calibration date.
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	2 Vehicle Identification Number
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	3 Programming date
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	4 Software version, boot loader
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	5 ECU software
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	6 ROM (Read only memory)

Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	7 Injector 1
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	8 Injector 2
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	9 Injector 3
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	10 Injector 4
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	1 Accelerator pedal position sensor
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	2 Fuel pressure measured
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	3 Rail pressure regulator
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	4 Air mass meter
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	5 Atmospheric pressure
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	6 Air temperature sensor
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	7 Water temperature
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	8 Clutch switch
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	9 Control of AC compressor
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	10 Redundant brake pedal
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	11 Brake switch
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	12 Blower switch
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	13 Ignition lock
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	14 Accelerator Pedal Position sensor 1
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	15 Accelerator Pedal Position Sensor 2
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	16 CHECK-ENGINE-lamp
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	17 Glowplug relay
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	18 Battery voltage
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	19 Vehicle speed
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	20 Radiator fan
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	21 A/C condenser fan
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	22 Boost pressure sensor
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	23 Vacuum modulator
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	24 Fuel temperature sensor
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	25 Engine state
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	26 Immobilizer status lamp
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	27 Engine speed
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	28 Output of fuel metering unit (mprop)
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	29 A/C pressure sensor
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	30 Exhaust temperature Sensor 1
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	31 Exhaust temperature Sensor 2
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	32 Throttle actuator
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	33 Fuel consumption
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	34 Temperature pre oxidation catalyst
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	35 Exhaust gas temperature (pre DPF) range
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	36 Exhaust backpressure sensor before particulate filter, signal
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	37 Total Driven Distance at Last Successful Regeneration
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	38 Total driven distance since last successful regeneration
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	39 Coverage driven length
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	40 Regeneration demand
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	41 Calculated engine load
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	42 Air mass
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	43 Rail pressure linearised
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	44 Mass air flow per cylinder
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	45 Current injection quantity
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	46 Malfunction indicator lamp (MIL)
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	47 Actual engine temperature
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	48 Current injection quantity
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	49 Engine speed cylinder 1
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	50 Engine speed cylinder 4
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	51 Engine speed cylinder 2
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	52 Engine speed cylinder 3
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	53 TCU fault status
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	54 Engine displacement
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	55 Engine torque, target value
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	56 Number of registered immobilizer key
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	57 AT/MT (Gearbox) information

Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	58 Operating state AC compressor
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	59 Ratio of throttle valve
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	60 Glow lamp control
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	61 Desired injection quantity of MI1
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	62 Desired injection quantity of Pil1
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	63 Desired injection quantity of Pil2
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	64 Desired injection quantity of Pil3
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	65 Desired injection quantity of Pol1
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	66 Desired injection quantity of Pol2
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	67 Engine oil temperature
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	68 ISG system built-in
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	69 ISG status(ISG)
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	70 AMS stop reason - blower max switch
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	71 Neutral gear
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	72 Starter condition
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	73 Starter Request Circuit
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	74 Clutch is pushed more than 10%
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	75 Driver Seat Belt Status
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	76 Driver's door
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	77 Hood switch
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	78 Battery current value
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	79 Battery temperature
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	80 State of Charge
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	81 Battery status
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	82 Battery current value
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	83 ISG active
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	84 Brake booster pressure sensor
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	85 Brake booster pressure sensor volt
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	86 Nominal capacity(AMS)
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	87 No idle stop by reverse gear
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	88 No idle stop by exhaust system
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	89 No idle stop by vehicle speed condition
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	90 No idle stop by ISG component error
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	91 No idle stop by electrical system
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	92 No idle stop by air conditioning system
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	93 No idle stop by invalid battery sensor data
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	94 Invalid condition of battery sensor
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	95 Battery sensor fault
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	96 AMS stop reason - head lamp
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	97 AMS stop reason - wiper(AMS)
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	98 No idle stop by engine temperature
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	99 No idle stop by safety driver door seat belt hood switch
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	100 No idle stop by regeneration
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	101 No idle stop by time since the engine start to low
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	102 No idle stop by ISG inhibit switch
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	103 No idle stop by high engine speed
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	104 Rail pressure sensor
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	105 A/C pressure
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	106 Water in Fuel Condition
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	107 DPF (Diesel Particulate Filter) Differential Pressure
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	108 Brake light switch
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	109 Cruise control switch
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	110 Clutch switch
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	111 Air conditioning switch
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	112 Air conditioning thermo switch
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	113 Neutral switch
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	114 Injected fuel quantity
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	115 EGR demand
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	116 Target idle speed
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	117 Engine run inhibited
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	118 Vehicle total distance

Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	119 Feedback, EGR-valve
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	120 PTC Detected
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	121 Cruise Control
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	122 DPF (Diesel Particulate Filter) Differential Pressure
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	123 DPF (Diesel particulate filter) pressure without soot
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	124 Diesel particle filter - soot accumulated
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	1 EGR Throttle Position Control Circuit
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	2 EGR valve
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	3 Glow plug
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	4 IMV
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	5 VGT valve
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	6 Fan 2
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	7 Fan 1
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	8 Power supply relay
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	9 Malfunction indicator lamp (MIL)
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	10 Glow plug lamp
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	11 AC relay
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	12 Immobilizer lamp
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	13 Cruise main lamp
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	14 Cruise control lamp
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	15 PTC heater
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	16 Water heater control signal
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	17 Water in fuel lamp
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	18 Injector cylinder 1
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	19 Injector cylinder 2
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	20 Injector cylinder 3
Kia	Rio III	Engine Diesel	D4FC 1,4 TCI-U2	Tests	21 Injector cylinder 4
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Adaptations	1 Erase adaptive engine parameters
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	ECU Information	1 Software version, boot loader
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	ECU Information	2 ECU software number
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	ECU Information	3 Calibration Identification
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	ECU Information	4 System identification
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	1 Immobilizer built-in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	2 SMARTRA2 built-in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	3 SMARTRA3 built-in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	4 SMARTRA status
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	5 MAP sensor built-in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	6 MAF sensor built-in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	7 A/C pressure sensor
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	8 Linear O2 sensor built-in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	9 Battery sensor built-in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	10 Leak test type - under pressure system
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	11 Malfunction indicator lamp (MIL)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	12 Ignition switch
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	13 Fuel pump
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	14 Main relay
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	15 Fuel Cut Condition
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	16 Dash pot
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	17 Anti-jerk function is active
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	18 Variant coding
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	19 Clutch pedal switch
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	20 Shift lever position sensor AT
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	21 Lock-up clutch monitoring
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	22 Leaded fuel pack
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	23 Brake pedal switch
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	24 Brake lamp switch active
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	25 Engine part load
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	26 Engine full load
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	27 Engine at idle speed
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	28 Starter condition
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	29 Synchronization succeeded

Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	30 Idle condition
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	31 ETC learning is finished successfully
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	32 ETC system built in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	33 Operating state AC
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	34 A/C request to ECU (A/C switch)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	35 A/C compressor
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	36 Fan Speed High
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	37 Fan Speed Low
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	38 Non-AMS system built in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	39 Sensorless AMS system built in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	40 AMS system built in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	41 Knocking
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	42 knock control
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	43 Knock control, adjustment
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	44 Condition canister purge active
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	45 Condition canister purge phase ON
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	46 Resetting valve, variable camshaft
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	47 Camshaft control
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	48 Intake Camshaft Control Circuit Bank 1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	49 Adaption of the inlet camshaft position is successful
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	50 Lambda closed loop control active - upstream bank1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	51 Lambda control active
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	52 Lambda sensor heating upstream
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	53 Lambda sensor heating downstream
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	54 Power Steering Pressure Sensor/Switch Circuit
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	55 Ignition circuit monitoring
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	56 Cruise control lamp
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	57 Cruise control set lamp
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	58 Cruise control; cancel switch
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	59 Cruise control switch, resume
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	60 ISG system built-in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	61 ISG (Idle stop and go) deactivation switch
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	62 Blower switch
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	63 Gear is in neutral position(manual transmission only)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	64 Starter motor signal
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	65 Start request from key (ISG)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	66 Clutch is pushed more than 10%
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	67 Idle stop request by drivers demand
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	68 Driver Seat Belt Status
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	69 Driver's area door check
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	70 Hood switch
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	71 No idle stop by fuel system
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	72 No idle stop by torque system
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	73 No idle stop by exhaust system
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	74 No idle stop by vehicle speed condition
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	75 No idle stop by ISG component error
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	76 No idle stop by operation data
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	77 No idle stop by air conditioning system
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	78 No idle stop by invalid battery sensor data
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	79 Battery charge warning light
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	80 Flag status of battery health(aging) (AMS)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	81 Battery: startability limit reached
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	82 Power management, quiescent current fault
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	83 Invalid condition of battery sensor
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	84 Battery sensor fault
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	85 ISG inhibition condition due to urgent charging battery logic(low SOC)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	86 EGR built-in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	87 LPI system built in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	88 Bi-fuel system built in
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	89 Flex fuel system built in (FFV)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	90 GDI system built in

Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	91 Battery voltage
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	92 Battery voltage after IG key
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	93 Engine speed
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	94 Target idle speed
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	95 Manifold absolute pressure
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	96 O2 sensor linear type bank1 upstream(option)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	97 O2 sensor binary type bank1 downstream(option)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	98 Vehicle speed
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	99 Boost pressure, actual value
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	100 Purge control valve
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	101 Cylinder 1 injection time
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	102 Cylinder 2 injection time
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	103 Cylinder 3 injection time
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	104 Cylinder 4 injection time
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	105 Ignition output stage cylinder 1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	106 Ignition output stage cylinder 2
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	107 Ignition output stage cylinder 3
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	108 Ignition output stage cylinder 4
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	109 Adaption air mass meter
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	110 Air conditioning pressure
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	111 A/C pressure
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	112 Engine coolant temperature at engine start.
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	113 Engine coolant temperature sensor (Model)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	114 Altitude adaptation
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	115 Atmospheric pressure
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	116 Injection time
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	117 Throttle position sensor
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	118 Throttle position sensor 1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	119 Throttle position sensor 2
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	120 Air mass through throttle, angle sensor 2
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	121 Electronic Throttle Control (ETC) directional duty cycle
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	122 Accelerator pedal position sensor voltage
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	123 Accelerator pedal position
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	124 Engine torque, actual value
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	125 Target engine torque
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	126 Transmission Control Unit TCU torque demand
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	127 Accelerator pedal position - Sensor 1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	128 Accelerator pedal position - Sensor 2
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	129 Adapted throttle angle for idle (S1)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	130 Air mass through throttle, angle sensor 1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	131 Throttle position sensor (Signal 1)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	132 Throttle position sensor (Signal 2)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	133 Accelerator pedal position sensor 1 circuit
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	134 Accelerator pedal position sensor 2 circuit
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	135 Fuel adaption
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	136 Fuel adaption
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	137 Relative fuel part of purge control
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	138 Lambda control adaptation fuel (bank 1)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	139 Requested lambda regulation, sensor 1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	140 Correction value from downstream o2 sensor - bank1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	141 Filtered cycle duration O2 sensor signal up. Catalyst
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	142 Off-duration for sensor heating upstream catalyst
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	143 Off-duration for sensor heating downstream catalyst
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	144 Cyl.1 ignition retard due to knock control
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	145 Cyl.2 ignition retard due to knock control
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	146 Cyl.3 ignition retard due to knock control
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	147 Cyl.4 ignition retard due to knock control
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	148 Knock control cylinder 1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	149 Knock control cylinder 2
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	150 Knock control cylinder 3
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	151 Knock control cylinder 4

Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	152 Intake camshaft desired position-Bank1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	153 Intake camshaft actual position-Bank1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	154 IN-cam phaser 1 duty cycle
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	155 Cylinder 1 Current Misfire Counter
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	156 Cylinder 2 Current Misfire Counter
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	157 Cylinder 3 Current Misfire Counter
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	158 Cylinder 4 Current Misfire Counter
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	159 Total counter of emission relevant misfiring of cylinder#1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	160 Total counter of emission relevant misfiring of cylinder#2
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	161 Total counter of emission relevant misfiring of cylinder#3
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	162 Total counter of emission relevant misfiring of cylinder#4
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	163 Total counter of catalyst damaging misfiring of cylinder#1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	164 Total counter of catalyst damaging misfiring of cylinder#2
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	165 Total counter of catalyst damaging misfiring of cylinder#3
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	166 Total counter of catalyst damaging misfiring of cylinder#4
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	167 Total counter of emission relevant misfiring of all cylinders
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	168 Total counter of catalyst damaging misfiring of all cylinders
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	169 Battery current value
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	170 Battery voltage
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	171 Battery temperature
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	172 Battery charge
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	173 Battery status
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	174 Flag status of battery health(aging) (AMS)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	175 Engine stop
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	176 Brake booster pressure sensor
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	177 Brake booster pressure sensor volt
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	178 Desired alternator voltage duty cycle(AMS)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	179 Duty cycle from alternator PWM signal(AMS)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	180 Nominal capacity(AMS)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Live Parameters	181 Counter the number of low SOC (battery charge) at start
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	1 Check engine lamp
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	2 Immobilizer lamp
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	3 Cruise control lamp
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	4 ISG (Idle stop and go) lamp
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	5 A/C compressor relay status
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	6 Fuel pump relay
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	7 Fuel pump control
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	8 Blower fan motor-drive low
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	9 Blower fan motor-drive high
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	10 Fuel open loop
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	11 carbon filter solenoid valve
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	12 Throttle position circuit
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	13 Ignition coil 1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	14 Ignition coil 2
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	15 Ignition coil 3
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	16 Ignition coil 4
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	17 Injector Disable-Cylinder 1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	18 Injector Disable-Cylinder 2
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	19 Injector Disable-Cylinder 3
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	20 Injector Disable-Cylinder 4
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	21 CVVT Intake
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	22 Oil control valve (bank1 intake)
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	23 Additive correction for O2 sensor heaters B1S1
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	24 Additive correction for O2 sensor heaters B1S2
Kia	Rio III	Engine Petrol	G4FA 1,4 DOCH	Tests	25 Addictive correction for all O2 sensor heaters
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Adaptations	1 Erase adaptive engine parameters
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	ECU Information	1 Software version, boot loader
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	ECU Information	2 ECU software number
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	ECU Information	3 Calibration Identification
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	ECU Information	4 System identification
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	1 Immobilizer built-in

Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	2 SMARTRA2 built-in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	3 SMARTRA3 built-in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	4 SMARTRA status
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	5 MAP sensor built-in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	6 MAF sensor built-in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	7 A/C pressure sensor
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	8 Linear O2 sensor built-in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	9 Battery sensor built-in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	10 Leak test type - under pressure system
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	11 Malfunction indicator lamp (MIL)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	12 Ignition switch
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	13 Fuel pump
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	14 Main relay
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	15 Fuel Cut Condition
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	16 Dash pot
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	17 Anti-jerk function is active
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	18 Variant coding
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	19 Clutch pedal switch
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	20 Shift lever position sensor AT
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	21 Lock-up clutch monitoring
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	22 Leaded fuel pack
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	23 Brake pedal switch
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	24 Brake lamp switch active
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	25 Engine part load
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	26 Engine full load
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	27 Engine at idle speed
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	28 Starter condition
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	29 Synchronization succeeded
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	30 Idle condition
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	31 ETC learning is finished successfully
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	32 ETC system built in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	33 Operating state AC
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	34 A/C request to ECU (A/C switch)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	35 A/C compressor
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	36 Fan Speed High
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	37 Fan Speed Low
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	38 Non-AMS system built in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	39 Sensorless AMS system built in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	40 AMS system built in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	41 Knocking
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	42 knock control
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	43 Knock control, adjustment
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	44 Condition canister purge active
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	45 Condition canister purge phase ON
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	46 Resetting valve, variable camshaft
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	47 Camshaft control
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	48 Intake Camshaft Control Circuit Bank 1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	49 Exhaust B Camshaft Profile Control Bank 1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	50 Adaption of the inlet camshaft position is successful
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	51 Adaption of the outlet camshaft position is successful
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	52 Lambda closed loop control active - upstream bank1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	53 Lambda control active
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	54 Lambda sensor heating upstream
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	55 Lambda sensor heating downstream
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	56 Power Steering Pressure Sensor/Switch Circuit
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	57 Ignition circuit monitoring
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	58 Cruise control lamp
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	59 Cruise control set lamp
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	60 Cruise control; cancel switch
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	61 Cruise control switch, resume
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	62 ISG system built-in

Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	63 Blower switch
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	64 Clutch is pushed more than 10%
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	65 Battery charge warning light
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	66 Flag status of battery health(aging) (AMS)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	67 Battery: startability limit reached
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	68 Power management, quiescent current fault
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	69 Invalid condition of battery sensor
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	70 Battery sensor fault
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	71 EGR built-in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	72 LPI system built in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	73 Bi-fuel system built in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	74 Flex fuel system built in (FFV)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	75 GDI system built in
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	76 Battery voltage
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	77 Battery voltage after IG key
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	78 Engine speed
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	79 Target idle speed
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	80 Manifold absolute pressure
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	81 Air pressure, intake manifold
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	82 Throttle position sensor angle average
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	83 Throttle opening
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	84 Water temperature
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	85 Water temperature
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	86 Intake air temperature sensor; voltage supply
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	87 IAT - Intake air temperature
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	88 Engine oil temperature
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	89 O2 sensor linear type bank1 upstream(option)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	90 O2 sensor binary type bank1 downstream(option)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	91 Vehicle speed
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	92 Boost pressure, actual value
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	93 Purge control valve
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	94 Cylinder 1 injection time
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	95 Cylinder 2 injection time
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	96 Cylinder 3 injection time
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	97 Cylinder 4 injection time
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	98 Ignition output stage cylinder 1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	99 Ignition output stage cylinder 2
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	100 Ignition output stage cylinder 3
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	101 Ignition output stage cylinder 4
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	102 Adaption air mass meter
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	103 Air conditioning pressure
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	104 A/C pressure
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	105 Engine coolant temperature at engine start.
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	106 Engine coolant temperature sensor (Model)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	107 Altitude adaptation
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	108 Atmospheric pressure
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	109 Injection time
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	110 Throttle position sensor
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	111 Throttle position sensor 1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	112 Throttle position sensor 2
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	113 Air mass through throttle, angle sensor 2
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	114 Electronic Throttle Control (ETC) directional duty cycle
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	115 Accelerator pedal position sensor voltage
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	116 Accelerator pedal position
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	117 Engine torque, actual value
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	118 Target engine torque
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	119 Transmission Control Unit TCU torque demand
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	120 Accelerator pedal position - Sensor 1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	121 Accelerator pedal position - Sensor 2
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	122 Adapted throttle angle for idle (S1)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	123 Air mass through throttle, angle sensor 1

Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	124 Throttle position sensor (Signal 1)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	125 Throttle position sensor (Signal 2)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	126 Accelerator pedal position sensor 1 circuit
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	127 Accelerator pedal position sensor 2 circuit
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	128 Fuel adaption
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	129 Fuel adaption
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	130 Relative fuel part of purge control
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	131 Lambda control adaptation fuel (bank 1)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	132 Requested lambda regulation, sensor 1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	133 Correction value from downstream o2 sensor - bank1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	134 Filtered cycle duration O2 sensor signal up. Catalyst
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	135 Off-duration for sensor heating upstream catalyst
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	136 Off-duration for sensor heating downstream catalyst
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	137 Cyl.1 ignition retard due to knock control
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	138 Cyl.2 ignition retard due to knock control
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	139 Cyl.3 ignition retard due to knock control
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	140 Cyl.4 ignition retard due to knock control
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	141 Knock control cylinder 1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	142 Knock control cylinder 2
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	143 Knock control cylinder 3
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	144 Knock control cylinder 4
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	145 Intake camshaft desired position-Bank1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	146 Intake camshaft actual position-Bank1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	147 IN-cam phaser 1 duty cycle
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	148 EX-Cam bank1 desired position
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	149 Exhaust camshaft actual position-Bank1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	150 EX-Cam phaser 1 duty cycle
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	151 Cylinder 1 Current Misfire Counter
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	152 Cylinder 2 Current Misfire Counter
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	153 Cylinder 3 Current Misfire Counter
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	154 Cylinder 4 Current Misfire Counter
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	155 Total counter of emission relevant misfiring of cylinder#1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	156 Total counter of emission relevant misfiring of cylinder#2
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	157 Total counter of emission relevant misfiring of cylinder#3
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	158 Total counter of emission relevant misfiring of cylinder#4
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	159 Total counter of catalyst damaging misfiring of cylinder#1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	160 Total counter of catalyst damaging misfiring of cylinder#2
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	161 Total counter of catalyst damaging misfiring of cylinder#3
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	162 Total counter of catalyst damaging misfiring of cylinder#4
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	163 Total counter of emission relevant misfiring of all cylinders
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	164 Total counter of catalyst damaging misfiring of all cylinders
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	165 Battery current value
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	166 Battery voltage
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	167 Battery temperature
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	168 Battery charge
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	169 Battery status
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	170 Flag status of battery health(aging) (AMS)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	171 Desired alternator voltage duty cycle(AMS)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	172 Duty cycle from alternator PWM signal(AMS)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Live Parameters	173 Nominal capacity(AMS)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	1 Check engine lamp
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	2 Immobilizer lamp
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	3 Cruise control lamp
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	4 A/C compressor relay status
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	5 Fuel pump relay
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	6 Fuel pump control
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	7 Blower fan motor-drive low
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	8 Blower fan motor-drive high
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	9 Fuel open loop
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	10 carbon filter solenoid valve
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	11 Throttle position circuit

Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	12 Ignition coil 1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	13 Ignition coil 2
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	14 Ignition coil 3
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	15 Ignition coil 4
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	16 Injector Disable-Cylinder 1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	17 Injector Disable-Cylinder 2
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	18 Injector Disable-Cylinder 3
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	19 Injector Disable-Cylinder 4
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	20 CVVT Intake
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	21 Continuous variable valve timing (CVVT), exhaust
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	22 Oil control valve (bank1 intake)
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	23 Additive correction for O2 sensor heaters B1S1
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	24 Additive correction for O2 sensor heaters B1S2
Kia	Rio III	Engine Petrol	G4LA 1,2 DOCH	Tests	25 Addictive correction for all O2 sensor heaters
Kia	Rio III	Immobiliser	Immobiliser	Live Parameters	1 Number of enabled keys
Kia	Rio III	Immobiliser	Immobiliser	Live Parameters	2 ECU status
Kia	Rio III	Immobiliser	Immobiliser	Live Parameters	3 Key status
Kia	Rio III	Immobiliser	Immobiliser	Live Parameters	4 Immobilizer status
Kia	Rio III	Restraints	Airbag	ECU Information	1 Vehicle information
Kia	Rio III	Restraints	Airbag	ECU Information	2 Control unit ID
Kia	Rio III	Restraints	Airbag	ECU Information	3 System name
Kia	Rio III	Restraints	Airbag	ECU Information	4 Manufacturing date day
Kia	Rio III	Restraints	Airbag	ECU Information	5 ECU code
Kia	Rio III	Restraints	Airbag	Live Parameters	1 Passenger Occupant Classification Sensor
Kia	Rio III	Restraints	Airbag	Live Parameters	2 Passenger occupant detection
Kia	Rio III	Restraints	Airbag	Live Parameters	3 Switch passenger airbag
Kia	Rio III	Restraints	Airbag	Live Parameters	4 Battery voltage
Kia	Rio III	Restraints	Airbag	Live Parameters	5 Driver Seat Track Position Sensor
Kia	Rio III	Restraints	Airbag	Live Parameters	6 Passenger seat track position sensor
Kia	Rio III	Restraints	Airbag	Live Parameters	7 Driver buckle switch status
Kia	Rio III	Restraints	Airbag	Live Parameters	8 Passenger buckle switch status
Kia	Rio III	Restraints	Airbag	Live Parameters	9 1st level, drivers airbag resistance
Kia	Rio III	Restraints	Airbag	Live Parameters	10 2nd level, drivers airbag resistance
Kia	Rio III	Restraints	Airbag	Live Parameters	11 1st level, passenger airbag resistance
Kia	Rio III	Restraints	Airbag	Live Parameters	12 2nd level, passenger airbag resistance
Kia	Rio III	Restraints	Airbag	Live Parameters	13 Driver pretensioner ignition squib
Kia	Rio III	Restraints	Airbag	Live Parameters	14 Squib circuit, belt tensioner, passenger side
Kia	Rio III	Restraints	Airbag	Live Parameters	15 Driver side, side airbag squib circuit, resistance
Kia	Rio III	Restraints	Airbag	Live Parameters	16 Passenger side, side airbag squib circuit, resistance
Kia	Rio III	Restraints	Airbag	Live Parameters	17 Rear driver side airbag squib circuit
Kia	Rio III	Restraints	Airbag	Live Parameters	18 Rear passenger side, side airbag squib circuit, resistance
Kia	Rio III	Restraints	Airbag	Live Parameters	19 Driver Curtain Airbag
Kia	Rio III	Restraints	Airbag	Live Parameters	20 Passenger Curtain Airbag
Kia	Rio III	Restraints	Airbag	Live Parameters	21 Anchor fitting tensioner ignition squib, driver side
Kia	Rio III	Restraints	Airbag	Live Parameters	22 Anchor fitting tensioner ignition squib, passenger side
Kia	Rio III	Restraints	Airbag	Live Parameters	23 Driver knee airbag, resistance
Kia	Rio III	Restraints	Airbag	Live Parameters	24 Passenger knee airbag, resistance
Kia	Rio III	Steering	Power steering	Adaptations	1 Steering angle calibration
Kia	Rio III	Steering	Power steering	ECU Information	1 Vehicle type
Kia	Rio III	Steering	Power steering	ECU Information	2 System name
Kia	Rio III	Steering	Power steering	ECU Information	3 Type
Kia	Rio III	Steering	Power steering	ECU Information	4 ECU version
Kia	Rio III	Steering	Power steering	ECU Information	5 Part number
Kia	Rio III	Steering	Power steering	ECU Information	6 Software programming date
Kia	Rio III	Steering	Power steering	ECU Information	7 ECU manufacturing date
Kia	Rio III	Steering	Power steering	Live Parameters	1 Battery voltage
Kia	Rio III	Steering	Power steering	Live Parameters	2 Steering wheel torque
Kia	Rio III	Steering	Power steering	Live Parameters	3 Target motor current
Kia	Rio III	Steering	Power steering	Live Parameters	4 Vehicle speed
Kia	Rio III	Steering	Power steering	Live Parameters	5 Engine speed
Kia	Rio III	Steering	Power steering	Live Parameters	6 Measured motor current

Kia	Sorento	Brake System	ABS - Anti-lock braking system	Adaptations	1 Brake bleed system; rear right wheel
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Adaptations	2 Brake bleed system; rear left wheel
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Adaptations	3 Brake bleed system; front left wheel
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Adaptations	4 Brake bleed system; front right wheel
Kia	Sorento	Brake System	ABS - Anti-lock braking system	ECU Information	1 Software version
Kia	Sorento	Brake System	ABS - Anti-lock braking system	ECU Information	2 Calibration of ECU
Kia	Sorento	Brake System	ABS - Anti-lock braking system	ECU Information	3 Software version number
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	1 Front left wheel speed sensor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	2 Front right wheel speed sensor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	3 Rear left wheel speed sensor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	4 Rear right wheel speed sensor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	5 Pump motor relay
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	6 Valve relay
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	7 Pump motor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	8 Valve relay
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	9 Brake switch
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	10 Inlet valve front left
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	11 Outlet valve front left
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	12 Inlet valve rear right
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	13 Outlet valve rear right
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	14 Inlet valve front right
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	15 Outlet valve front right
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	16 Inlet valve rear left
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	17 Outlet valve rear left
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	18 Faulty sensor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	19 Battery voltage
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	20 Longitudinal acceleration sensor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	1 Engine speed
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	2 Vehicle speed
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	3 Throttle position
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	4 Gear lever position
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	5 Battery voltage
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	6 Front left wheel speed sensor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	7 Front right wheel speed sensor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	8 Rear left wheel speed sensor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	9 Rear right wheel speed sensor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	10 ABS warning lamp
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	11 EBD warning lamp
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	12 ESP lamp
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	13 ESP OFF lamp
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	14 ESP button
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	15 Brake light switch
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	16 Pump motor relay
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	17 valve relay
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	18 Motor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	19 ABS inlet valve front left
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	20 ABS inlet valve front right
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	21 ABS inlet valve rear left
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	22 ABS inlet valve rear right
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	23 ABS outlet valve front left
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	24 ABS outlet valve front right
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	25 ABS outlet valve rear left
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	26 ABS outlet valve rear right
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	27 TCS valve (USV 1)
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	28 TCS valve (USV 2)
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	29 ESP valve (HSV 1)
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	30 ESP valve (HSV 2)
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	31 Steering angle sensor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	32 Lateral acceleration
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	33 Yaw rate sensor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	34 Pressure sensor

Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	35 Parking brake
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Live Parameters	36 SAS calibrated
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	1 Pump motor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	2 ABS warning lamp
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	1 Motor
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	2 ABS inlet valve front left
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	3 ABS inlet valve front right
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	4 ABS inlet valve rear left
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	5 ABS inlet valve rear right
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	6 ABS outlet valve front left
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	7 ABS outlet valve front right
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	8 ABS outlet valve rear left
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	9 ABS outlet valve rear right
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	10 TCS valve (USV 1)
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	11 TCS valve (USV 2)
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	12 ESP valve (HSV 1)
Kia	Sorento	Brake System	ABS - Anti-lock braking system	Tests	13 ESP valve (HSV 2)
Kia	Sorento	Climate Control	Climate control	ECU Information	1 Part number
Kia	Sorento	Climate Control	Climate control	ECU Information	2 Vehicle information
Kia	Sorento	Climate Control	Climate control	ECU Information	3 Name
Kia	Sorento	Climate Control	Climate control	ECU Information	4 System
Kia	Sorento	Climate Control	Climate control	Live Parameters	1 Water temperature
Kia	Sorento	Climate Control	Climate control	Live Parameters	2 Interior temperature sensor
Kia	Sorento	Climate Control	Climate control	Live Parameters	3 Ambient temperature
Kia	Sorento	Climate Control	Climate control	Live Parameters	4 EVAP sensor
Kia	Sorento	Climate Control	Climate control	Live Parameters	5 Light sensor
Kia	Sorento	Climate Control	Climate control	Live Parameters	6 Distribution flap position
Kia	Sorento	Climate Control	Climate control	Live Parameters	7 Direct potentiometer
Kia	Sorento	Climate Control	Climate control	Live Parameters	8 Photo sensor (ps)
Kia	Sorento	Climate Control	Climate control	Live Parameters	9 Air mix potentiometer (ps)
Kia	Sorento	Climate Control	Climate control	Live Parameters	10 Direct potentiometer (ps)
Kia	Sorento	Climate Control	Climate control	Live Parameters	11 Air humidity sensor, AC
Kia	Sorento	Climate Control	Climate control	Live Parameters	12 Air intake potentiometer
Kia	Sorento	Climate Control	Climate control	Live Parameters	13 Sensor, air quality
Kia	Sorento	Climate Control	Climate control	Tests	1 AC compressor clutch on
Kia	Sorento	Climate Control	Climate control	Tests	2 AC compressor clutch off
Kia	Sorento	Climate Control	Climate control	Tests	3 PTC heater booster
Kia	Sorento	Climate Control	Climate control	Tests	4 Blower fan motor-drive low
Kia	Sorento	Climate Control	Climate control	Tests	5 Blower fan motor-drive medium
Kia	Sorento	Climate Control	Climate control	Tests	6 Blower fan motor-drive high
Kia	Sorento	Climate Control	Climate control	Tests	7 Blower fan motor off command
Kia	Sorento	Climate Control	Climate control	Tests	8 Driver air mix door-drive 0%
Kia	Sorento	Climate Control	Climate control	Tests	9 Driver air mix door-drive 50%
Kia	Sorento	Climate Control	Climate control	Tests	10 Driver air mix door-drive 100%
Kia	Sorento	Climate Control	Climate control	Tests	11 Passenger air mix door-drive 0%
Kia	Sorento	Climate Control	Climate control	Tests	12 Passenger air mix door-drive 50%
Kia	Sorento	Climate Control	Climate control	Tests	13 Passenger air mix door-drive 100%
Kia	Sorento	Climate Control	Climate control	Tests	14 Driver mode door-vent
Kia	Sorento	Climate Control	Climate control	Tests	15 Driver mode door-floor
Kia	Sorento	Climate Control	Climate control	Tests	16 Driver mode door-def
Kia	Sorento	Climate Control	Climate control	Tests	17 Passenger mode; door-vent
Kia	Sorento	Climate Control	Climate control	Tests	18 Passenger mode; door-floor
Kia	Sorento	Climate Control	Climate control	Tests	19 Passenger mode; door-defrost
Kia	Sorento	Climate Control	Climate control	Tests	20 Intake door-Fresh
Kia	Sorento	Climate Control	Climate control	Tests	21 Intake door-Recirc
Kia	Sorento	Climate Control	Climate control	Tests	22 Rear blower fan off
Kia	Sorento	Climate Control	Climate control	Tests	23 Rear blower fan low
Kia	Sorento	Climate Control	Climate control	Tests	24 Rear blower fan medium
Kia	Sorento	Climate Control	Climate control	Tests	25 Rear blower fan high
Kia	Sorento	Climate Control	Climate control	Tests	26 Rear air mix door-drive 0%
Kia	Sorento	Climate Control	Climate control	Tests	27 Rear air mix door-drive 50%

Kia	Sorento	Climate Control	Climate control	Tests	28 Rear air mix door-drive 100%
Kia	Sorento	Climate Control	Climate control	Tests	29 Rear blower fan mode; door vent
Kia	Sorento	Climate Control	Climate control	Tests	30 Rear blower fan mode; door -B/L (Bi-Level)
Kia	Sorento	Climate Control	Climate control	Tests	31 Rear blower fan mode; door-floor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	ECU Information	1 Calibration number
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	ECU Information	2 Hardware number
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	ECU Information	3 ROM (Read only memory)
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	1 Battery voltage
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	2 Ignition lock
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	3 Fuel quantity
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	4 Target fuel pressure
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	5 Fuel pressure measured
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	6 Rail pressure regulator
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	7 Fuel temperature
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	8 Fuel pump relay
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	9 EGR valve
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	10 Variable geometry turbocharger (VGT) actuator
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	11 Fan Speed Low
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	12 Fan Speed High
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	13 Blower switch
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	14 Control of AC compressor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	15 Coolant temperature sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	16 Air inlet temperature sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	17 Boost pressure sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	18 Atmospheric pressure sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	19 MAF (Mass Air Flow)
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	20 CHECK-ENGINE-lamp
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	21 Glowplug relay
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	22 Electric auxiliary heater
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	23 Vehicle speed information
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	24 Redundant brake pedal
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	25 Brake pedal switch
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	26 Accelerator pedal position 1
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	27 Accelerator pedal position 2
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	28 Accelerator pedal position sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	29 Clutch pedal switch
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	30 Neutral or first gear
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	31 Injection pump regulator
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	32 A/C pressure sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	33 Throttle actuator
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	34 O2s subtract voltage
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	35 Lambda sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	36 Lambda sensor temperature monitoring
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	37 O2 sensor heater duty
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	38 O2s state of adaption
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	39 Status of signal app/brk
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	40 Theoretical engine charge
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	41 Boost pressure sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	42 Mass air flow per cylinder
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	43 Vehicle acceleration
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	44 Control of AC compressor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	45 AC compressor relay
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	46 Fuel temp sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	47 Glow time lamp
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	48 Air inlet temperature sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	49 Engine speed
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	50 V/swirl actuator (U/D/S)
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	51 AT/MT (Gearbox) information
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	52 Cruise Control
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	53 Engine torque multiplexed, Actual torque
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Live Parameters	54 Engine torque multiplexed, Expected torque

Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	1 AC compressor relay
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	2 Check engine lamp
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	3 Relay, preheater
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	4 Fuel pump relay
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	5 Fan Speed High
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	6 Fan Speed Low
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	7 Cruise control lamp
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	8 Cruise control set lamp
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	9 Glow plug lamp
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	10 Glowplug relay
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	11 Immobilizer lamp
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	12 VGT valve
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	13 EGR valve
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	14 Variable swirl control actuator
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	15 Rail pressure regulator
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	16 Lambda sensor heater
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	17 Throttle control valve
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (CAN)	Tests	18 Pressure regulation valve (MPROP)
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	ECU Information	1 Calibration number
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	ECU Information	2 Hardware number
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	ECU Information	3 ROM (Read only memory)
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	1 Battery voltage
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	2 Ignition lock
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	3 Fuel quantity
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	4 Target fuel pressure
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	5 Fuel pressure measured
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	6 Rail pressure regulator
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	7 Fuel temperature
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	8 Fuel pump relay
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	9 EGR valve
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	10 Variable geometry turbocharger (VGT) actuator
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	11 Fan Speed Low
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	12 Fan Speed High
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	13 Blower switch
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	14 Control of AC compressor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	15 Coolant temperature sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	16 Air inlet temperature sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	17 Boost pressure sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	18 Atmospheric pressure sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	19 MAF (Mass Air Flow)
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	20 CHECK-ENGINE-lamp
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	21 Glowplug relay
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	22 Electric auxiliary heater
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	23 Vehicle speed information
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	24 Redundant brake pedal
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	25 Brake pedal switch
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	26 Accelerator pedal position 1
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	27 Accelerator pedal position 2
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	28 Accelerator pedal position sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	29 Clutch pedal switch
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	30 Neutral or first gear
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	31 Injection pump regulator
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	32 A/C pressure sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	33 Throttle actuator
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	34 O2s subtract voltage
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	35 Lambda sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	36 Lambda sensor temperature monitoring
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	37 O2 sensor heater duty
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	38 O2s state of adaption
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	39 Status of signal app/brk
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	40 Theoretical engine charge

Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	41 Boost pressure sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	42 Mass air flow per cylinder
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	43 Vehicle acceleration
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	44 Control of AC compressor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	45 AC compressor relay
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	46 AT/MT (Gearbox) information
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	47 Cruise Control
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	48 Engine torque multiplexed, Actual torque
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	49 Engine torque multiplexed, Expected torque
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	50 Fuel temp sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	51 Glow time lamp
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	52 Air inlet temperature sensor
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	53 Engine speed
Kia	Sorento	Engine Diesel	D4CB 2,5 Euro-4 (KWP)	Live Parameters	54 V/swirl actuator (U/D/S)
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	1 Fuel system B1
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	2 Calculated load value
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	3 Coolant temperature sensor
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	4 Short term fuel trim bank 1
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	5 Long term fuel trim bank 1
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	6 Engine speed
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	7 Vehicle speed
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	8 IAT-sensor
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	9 Air flow rate
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	10 Throttle position sensor
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	11 O2 sensor monitoring
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	12 HO2S Heater Control Circuit (Bank 1, Sensor 1)
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	13 Short term fuel trim bank 1
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	14 HO2S Heater Control Circuit (Bank 1, Sensor 2)
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	15 Short term fuel trim bank 2
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	16 OBD requirements
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	17 Power steering switch
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	18 AC switch
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	19 Selector switch
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	20 Cranking
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	21 Ignition adjust
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	22 Battery voltage
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	23 Idle speed control valve
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	24 Throttle position sensor
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	25 MAF (Mass Air Flow)
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	26 Engine load
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	27 Engine speed information
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	28 Injection time bank 1
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	29 Voltage supply MAP sensor
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	30 Intake air temperature sensor 1
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	31 Idle speed control, Real time adaption
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	32 Idle speed control, Long time adaption
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	33 Idle switch
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	34 AC relay
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Live Parameters	35 Distance driven with MIL on (km)
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Tests	1 Fuel pump relay
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Tests	2 Purge control valve
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Tests	3 Fan Speed High
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Tests	4 Fan Speed Low
Kia	Sorento	Engine Petrol	G4JS 2,4 Diagnose	Tests	5 Solenoid valve tank ventilation
Kia	Sorento	Immobiliser	Immobiliser - Diesel	Live Parameters	1 Programmed keys
Kia	Sorento	Immobiliser	Immobiliser - Diesel	Live Parameters	2 ECU status immobilizer
Kia	Sorento	Immobiliser	Immobiliser - Diesel	Live Parameters	3 Key status
Kia	Sorento	Other	Four wheel drive	ECU Information	1 Hardware number
Kia	Sorento	Restraints	Airbag	ECU Information	1 Vehicle ID
Kia	Sorento	Restraints	Airbag	ECU Information	2 Control unit ID
Kia	Sorento	Restraints	Airbag	ECU Information	3 System name

Kia	Sorento	Restraints	Airbag	ECU Information	4 date
Kia	Sorento	Restraints	Airbag	Live Parameters	1 Passenger airbag
Kia	Sorento II	Body Control Module	Body control module	Adaptations	1 Automatic door locking
Kia	Sorento II	Body Control Module	Body control module	Adaptations	2 Door Unlock Status
Kia	Sorento II	Body Control Module	Body control module	Adaptations	3 One touch triple turn signal
Kia	Sorento II	Body Control Module	Body control module	Adaptations	4 Head lamp escort
Kia	Sorento II	Body Control Module	Body control module	Adaptations	5 Automatic lightning function
Kia	Sorento II	Body Control Module	Body control module	ECU Information	1 Vehicle ID
Kia	Sorento II	Body Control Module	Body control module	ECU Information	2 Part number
Kia	Sorento II	Body Control Module	Body control module	ECU Information	3 Version name
Kia	Sorento II	Body Control Module	Body control module	ECU Information	4 Manufacturing date
Kia	Sorento II	Body Control Module	Body control module	ECU Information	5 Software version
Kia	Sorento II	Body Control Module	Body control module	ECU Information	6 Hardware version
Kia	Sorento II	Body Control Module	Body control module	ECU Information	7 Algorithm version
Kia	Sorento II	Body Control Module	Body control module	ECU Information	1 Vehicle ID
Kia	Sorento II	Body Control Module	Body control module	ECU Information	2 Part number
Kia	Sorento II	Body Control Module	Body control module	ECU Information	3 Version name
Kia	Sorento II	Body Control Module	Body control module	ECU Information	4 Manufacturing date
Kia	Sorento II	Body Control Module	Body control module	ECU Information	5 Software version
Kia	Sorento II	Body Control Module	Body control module	ECU Information	6 Hardware version
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	1 Ignition 1
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	2 Ignition 2
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	3 Key-in switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	4 ACC
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	5 Starter inhibitor
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	6 Power window relay
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	7 Automatic light system
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	8 Power supply (FET)
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	9 Taillight switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	10 Automatic lighting button
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	11 Rear Fog Lamp
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	12 Lowbeam headlamp
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	13 Front fog lamps
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	14 Headlamp switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	15 Daytime running lights
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	16 Hazard Light Switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	17 Turn lamp switch, left
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	18 Turn lamp switch, right
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	19 Hazard warning lights
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	20 Relay, rear fog lamp
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	21 Interior lamps output
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	22 Ignition key hole illumination(Manual key type)
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	23 Passenger seatbelt indicator
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	24 Left low beam
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	25 Right low beam
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	26 Left main beam
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	27 Right main beam
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	28 Left rear light
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	29 Right rear light
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	30 Rear ceiling light
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	31 Front fog lamps
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	32 Tail AV
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	33 Driver door switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	34 Passenger door switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	35 Bootlid/tailgate switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	36 Hood switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	37 Tailgate handle switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	38 Left rear door opening switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	39 Rear right door
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	40 Tail light indication
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	41 Front fog lamp indicator

Kia	Sorento II	Body Control Module	Body control module	Live Parameters	42 Rear fog light indicator lamp
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	43 Low beam indicator
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	44 Main beam indicator lamp
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	45 Left Turn Signal Lights Command
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	46 Right Turn Signal Lights Command
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	47 Door lock switch, driver side
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	48 Door lock switch, passenger side
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	49 Rear left door lock position switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	50 Driver door key lock switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	51 Driver door key unlock switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	52 Central door lock switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	53 Central Door Unlock Switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	54 Crash unlock
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	55 All doors lock relay
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	56 All doors unlock relay
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	57 Door deadlocking relay
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	58 Relay Unlock Trunk
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	59 Front Washer Switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	60 Windscreen wipers switch, interval
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	61 Rear Defogger
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	62 Headlamp washer
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	63 Wiper
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	64 Defogger Relay (Rear)
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	65 Headlamp washer relay
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	66 Single wipe
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	67 Rear washer switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	68 Rear Wiper Switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	69 Rear window wiper relay
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	70 Rear Wiper Intermittent Switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	71 Indication lamp seat belt, driver
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	72 Driver seat belt switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	73 Parking brake switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	74 Relay alarm horn
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	75 Handbrake indicator light
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	76 Brake fluid indicator switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	77 Front passenger seat belt switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	78 Light sensor
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	79 Interior lights relay
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	80 Key lock solenoid
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	81 Overspeed lamp
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	82 Head lamp low signal output
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	83 Unlock with 2 times operation by transmitter
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	84 Headlamp beam corrector for discharge (Xenon) bulbs
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	85 Key status
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	86 Automatic locking of doors when driving away
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	87 Auto unlock
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	88 Automatic door lock linked shift
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	89 Lane-change assist
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	90 Left Daytime Running Lamp Control Circuit
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	91 Left low beam duty cycle
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	92 Right dipped headlight
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	93 Right low beam duty cycle
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	94 Left hand mainbeam headlight circuit
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	95 Left high beam duty cycle
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	96 Right hand mainbeam headlight circuit
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	97 Right high beam duty cycle
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	98 Front fog lamps
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	99 Front fog lamps
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	100 Control left brake light
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	101 Control left brake light
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	102 Control left brake light

Kia	Sorento II	Body Control Module	Body control module	Live Parameters	103 Control left brake light
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	104 Rear interior lighting circuit
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	105 Rear interior lightning circuit
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	1 Key-in switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	2 ACC
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	3 Ignition 1
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	4 Ignition 2
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	5 Starter inhibitor
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	6 Power window relay
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	7 Taillight switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	8 Headlamp switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	9 Automatic lighting button
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	10 Switch, headlight high beam (button)
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	11 RPAS off switch indicator
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	12 Hazard Light Switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	13 Indicator lamp for left turn signal
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	14 Right Turn Signal Lights Command
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	15 Front fogs switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	16 Button rear fog lights
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	17 Lamp Tail Output Circuit Open
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	18 Right rear tail/park lamp
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	19 Head lamp output
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	20 Headlight low beam, right
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	21 High-beam headlamps status
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	22 Headlight high beam, right
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	23 Automatic Headlamp Leveling Control Module Low Beam, Input Circuit
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	24 Parking brake signal
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	25 Alarm signal output
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	26 Left Turn Signal Lights Command
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	27 Right Turn Signal Lights Command
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	28 Front fog lamps
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	29 Rear fog lights
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	30 Daytime running light (DRL) signal (Europe)
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	31 Interior lamps output
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	32 Ignition key hole illumination(Manual key type)
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	33 Steps light
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	34 Interior Lamps
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	35 RPAS off indicator
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	36 Rear Defogger
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	37 RL Seat Heating Switch (Rear Left)
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	38 RR Seat Heating Switch (Rear Right)
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	39 Rear Defogger
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	40 RL Seat Heating Switch (Rear Left) Output
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	41 RR Seat Heating Switch (Rear Right) Output
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	42 Driver seat belt switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	43 Front passenger seat belt switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	44 Passenger seatbelt indicator
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	45 Driver door switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	46 Passenger door switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	47 Trunk lid switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	48 Hood switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	49 Door lock switch, rear left
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	50 Door lock switch, rear right
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	51 Door lock switch, driver side
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	52 Door lock switch, passenger side
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	53 Rear left door lock position switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	54 Rear right door lock position switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	55 Driver door key lock switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	56 Driver door key unlock switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	57 Central door lock switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	58 Drivers door unlock switch

Kia	Sorento II	Body Control Module	Body control module	Live Parameters	59 Tailgate handle switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	60 Unlock
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	61 Lock
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	62 Door deadlocking relay
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	63 Relay Unlock Trunk
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	64 Front Washer Switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	65 Windscreen wipers switch, interval
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	66 Rear Defogger
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	67 Wiper Low Speed Switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	68 Headlamp washer
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	69 Rear washer switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	70 Rear wiper, interval
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	71 Rear wiper: on
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	72 Rear wiper output
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	73 Crash signal
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	74 RPAS off indicator
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	75 Transmission type
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	76 Sunroof operation
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	77 Navigation
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	78 Inhibitor switch :R
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	79 Parking brake switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	80 Key inter lock switch (manual key type)
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	81 Brake fluid indicator switch
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	82 Automatic light system
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	83 Tail AV
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	84 Key interlock solenoid
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	85 Right Cornering Lamp Relay Control Circuit
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	86 Left Cornering Lamp Relay Control Circuit
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	87 Parking Aid System
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	88 Delivery mode
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	89 Interval wiping
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	90 Light sensor
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	91 Speed signal
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	92 Key status
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	93 Number of keys
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	94 Left Daytime Running Lamp Control Circuit
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	95 Left low beam duty cycle
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	96 Right dipped headlight
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	97 Right low beam duty cycle
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	98 Left hand mainbeam headlight circuit
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	99 Left high beam duty cycle
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	100 Right hand mainbeam headlight circuit
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	101 Right high beam duty cycle
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	102 Front left hand foglight
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	103 Front left fog lamp
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	104 Front right hand foglight
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	105 Front right fog light
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	106 Control left brake light
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	107 Control left brake light
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	108 Right rear tail/park lamp
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	109 Tail and parking lamp; right
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	110 Rear interior lighting circuit
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	111 Rear interior lightning circuit
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	112 Status of turn signal lamp left front
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	113 Left Front Turn Signal
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	114 Status of turn signal lamp right front
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	115 Right Front Turn Signal
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	116 Status of turn signal lamp left rear
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	117 Rear Left Turn Signal
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	118 Status of turn signal lamp right rear
Kia	Sorento II	Body Control Module	Body control module	Live Parameters	119 Rear Right Turn Signal

Kia	Sorento II	Body Control Module	Body control module	Tests	1 Unlock
Kia	Sorento II	Body Control Module	Body control module	Tests	2 Lock
Kia	Sorento II	Body Control Module	Body control module	Tests	3 Deadlocking of the locks, output
Kia	Sorento II	Body Control Module	Body control module	Tests	4 Release trunk lid/tailgate
Kia	Sorento II	Body Control Module	Body control module	Tests	5 Front wiper low
Kia	Sorento II	Body Control Module	Body control module	Tests	6 Headlamp washer
Kia	Sorento II	Body Control Module	Body control module	Tests	7 Rear wiper output
Kia	Sorento II	Body Control Module	Body control module	Tests	8 Start inhibitor relay
Kia	Sorento II	Body Control Module	Body control module	Tests	9 Power window
Kia	Sorento II	Body Control Module	Body control module	Tests	10 Lamp Tail Output Circuit Open
Kia	Sorento II	Body Control Module	Body control module	Tests	11 Right rear tail/park lamp
Kia	Sorento II	Body Control Module	Body control module	Tests	12 Head lamp output
Kia	Sorento II	Body Control Module	Body control module	Tests	13 Headlight low beam, right
Kia	Sorento II	Body Control Module	Body control module	Tests	14 High-beam headlamps status
Kia	Sorento II	Body Control Module	Body control module	Tests	15 Headlight high beam, right
Kia	Sorento II	Body Control Module	Body control module	Tests	16 Automatic Headlamp Leveling Control Module Low Beam, Input Circuit
Kia	Sorento II	Body Control Module	Body control module	Tests	17 Left direction indicator output
Kia	Sorento II	Body Control Module	Body control module	Tests	18 Right direction indicator output
Kia	Sorento II	Body Control Module	Body control module	Tests	19 Front fog lamps
Kia	Sorento II	Body Control Module	Body control module	Tests	20 Rear fog lights
Kia	Sorento II	Body Control Module	Body control module	Tests	21 Alarm signal output
Kia	Sorento II	Body Control Module	Body control module	Tests	22 Signal for activation of parking assistance
Kia	Sorento II	Body Control Module	Body control module	Tests	23 Defroster
Kia	Sorento II	Body Control Module	Body control module	Tests	24 Seat heating driver's side rear seat
Kia	Sorento II	Body Control Module	Body control module	Tests	25 Seat heating passenger's side rear seat
Kia	Sorento II	Body Control Module	Body control module	Tests	26 Interior lamps output
Kia	Sorento II	Body Control Module	Body control module	Tests	27 Ignition key hole illumination(Manual key type)
Kia	Sorento II	Body Control Module	Body control module	Tests	28 Steps light
Kia	Sorento II	Body Control Module	Body control module	Tests	29 Dedicated DRL SCG
Kia	Sorento II	Body Control Module	Body control module	Tests	30 Interior Lamps
Kia	Sorento II	Body Control Module	Body control module	Tests	31 RPAS off switch indicator
Kia	Sorento II	Body Control Module	Body control module	Tests	32 Passenger seatbelt indicator
Kia	Sorento II	Body Control Module	Body control module	Tests	33 Tail AV
Kia	Sorento II	Body Control Module	Body control module	Tests	34 Key interlock solenoid
Kia	Sorento II	Body Control Module	Body control module	Tests	35 Right Cornering Lamp Relay Control Circuit
Kia	Sorento II	Body Control Module	Body control module	Tests	36 Left Cornering Lamp Relay Control Circuit
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Adaptations	1 Gyrometer/accelerometer sensor calibration
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Adaptations	2 Variant coding reset
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	ECU Information	1 Vehicle type
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	ECU Information	2 ECU software version
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	ECU Information	3 Software version
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	1 Engine speed
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	2 Vehicle speed
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	3 Throttle position
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	4 Battery positive voltage
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	5 Front left wheel speed sensor
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	6 Front right wheel speed sensor
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	7 Rear left wheel speed sensor
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	8 Rear right wheel speed sensor
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	9 G Sensor (longitudinal)
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	10 ESP OFF lamp
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	11 ESP control ON/OFF button
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	12 Brake light switch
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	13 Brake switch
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	14 Hazard Switch Status
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	15 Motor relay
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	16 valve relay
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	17 Hill assist brake lamp
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	18 ESS brake lamp [ESS only]
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	19 Motor
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	20 Inlet valve front left

Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	21 Inlet valve front right
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	22 Inlet valve rear left
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	23 Inlet valve rear right
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	24 Outlet valve front left
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	25 Outlet valve front right
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	26 Outlet valve rear left
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	27 Outlet valve rear right
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	28 TCS, ESV valves - TCL valve(ESP only)
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	29 TCS, ESV valves - TCR valve(ESP only)
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	30 TCS, ESV valves- ESV-L valve(ESP only)
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	31 TCS, ESV valves - ESV-R valve(ESP only)
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	32 ESP steering angle sensor signal
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	33 G Sensor (lateral)
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	34 Yaw rate sensor
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	35 Pressure sensor - positive(ESP only)
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Live Parameters	36 Pressure sensor - Negative(ESP only)
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	1 Motor
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	2 Inlet valve front left
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	3 Inlet valve front right
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	4 Inlet valve rear left
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	5 Inlet valve rear right
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	6 Outlet valve front left
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	7 Outlet valve front right
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	8 Outlet valve rear left
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	9 Outlet valve rear right
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	10 TCS Valve Left front
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	11 TCS Valve Right front
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	12 Electric shuttle Valve Right front
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	13 Electric shuttle Valve Left front
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	14 DBC/HAC brake lamp relay(DBC/HAC Only)
Kia	Sorento II	Brake System	ABS - Anti-lock braking system	Tests	15 ESS Brake lamp relay(ESS Only)
Kia	Sorento II	Climate Control	Climate control	ECU Information	1 Vehicle information
Kia	Sorento II	Climate Control	Climate control	ECU Information	2 Control unit ID
Kia	Sorento II	Climate Control	Climate control	ECU Information	3 System name
Kia	Sorento II	Climate Control	Climate control	ECU Information	4 System
Kia	Sorento II	Climate Control	Climate control	ECU Information	5 Software version
Kia	Sorento II	Climate Control	Climate control	ECU Information	1 Vehicle information
Kia	Sorento II	Climate Control	Climate control	ECU Information	2 Control unit ID
Kia	Sorento II	Climate Control	Climate control	ECU Information	3 System name
Kia	Sorento II	Climate Control	Climate control	ECU Information	4 Software version
Kia	Sorento II	Climate Control	Climate control	Live Parameters	1 Heater water temperature sensor
Kia	Sorento II	Climate Control	Climate control	Live Parameters	2 Interior temperature sensor 1
Kia	Sorento II	Climate Control	Climate control	Live Parameters	3 Ambient temperature
Kia	Sorento II	Climate Control	Climate control	Live Parameters	4 Sensor, evaporator
Kia	Sorento II	Climate Control	Climate control	Live Parameters	5 Sun sensor, driver side
Kia	Sorento II	Climate Control	Climate control	Live Parameters	6 Air mix door potentiometer-driver
Kia	Sorento II	Climate Control	Climate control	Live Parameters	7 Direction potentiometer-Driver
Kia	Sorento II	Climate Control	Climate control	Live Parameters	8 Passanger photo sensor
Kia	Sorento II	Climate Control	Climate control	Live Parameters	9 Air mix door potentiometer - passanger
Kia	Sorento II	Climate Control	Climate control	Live Parameters	10 Air intake potentiometer
Kia	Sorento II	Climate Control	Climate control	Live Parameters	1 Interior temperature sensor 1
Kia	Sorento II	Climate Control	Climate control	Live Parameters	2 Ambient temperature
Kia	Sorento II	Climate Control	Climate control	Live Parameters	3 Sensor, evaporator
Kia	Sorento II	Climate Control	Climate control	Live Parameters	4 Sun sensor, driver side
Kia	Sorento II	Climate Control	Climate control	Live Parameters	5 Air mix door potentiometer-driver
Kia	Sorento II	Climate Control	Climate control	Live Parameters	6 Direction potentiometer-Driver
Kia	Sorento II	Climate Control	Climate control	Live Parameters	7 Passanger photo sensor
Kia	Sorento II	Climate Control	Climate control	Live Parameters	8 Air mix door potentiometer - passanger
Kia	Sorento II	Climate Control	Climate control	Live Parameters	9 Air intake potentiometer
Kia	Sorento II	Climate Control	Climate control	Live Parameters	10 Vehicle speed
Kia	Sorento II	Climate Control	Climate control	Live Parameters	11 Engine coolant temperature sensor

Kia	Sorento II	Climate Control	Climate control	Tests	1 Air conditioning compressor
Kia	Sorento II	Climate Control	Climate control	Tests	2 AC compressor clutch off
Kia	Sorento II	Climate Control	Climate control	Tests	3 Blower fan motor off command
Kia	Sorento II	Climate Control	Climate control	Tests	4 Blower fan motor-drive low
Kia	Sorento II	Climate Control	Climate control	Tests	5 Blower fan motor-drive medium
Kia	Sorento II	Climate Control	Climate control	Tests	6 Blower fan motor-drive high
Kia	Sorento II	Climate Control	Climate control	Tests	7 Driver air mix door-drive 0%
Kia	Sorento II	Climate Control	Climate control	Tests	8 Driver air mix door-drive 50%
Kia	Sorento II	Climate Control	Climate control	Tests	9 Driver air mix door-drive 100%
Kia	Sorento II	Climate Control	Climate control	Tests	10 Passenger air mix door-drive 0%
Kia	Sorento II	Climate Control	Climate control	Tests	11 Passenger air mix door-drive 50%
Kia	Sorento II	Climate Control	Climate control	Tests	12 Passenger air mix door-drive 100%
Kia	Sorento II	Climate Control	Climate control	Tests	13 Driver mode door-vent
Kia	Sorento II	Climate Control	Climate control	Tests	14 Driver mode door-floor
Kia	Sorento II	Climate Control	Climate control	Tests	15 Driver mode door-def
Kia	Sorento II	Climate Control	Climate control	Tests	16 Fresh air
Kia	Sorento II	Climate Control	Climate control	Tests	17 air circulation
Kia	Sorento II	Climate Control	Climate control	Tests	18 PTC heater drive request: On
Kia	Sorento II	Climate Control	Climate control	Tests	1 Blower fan motor off command
Kia	Sorento II	Climate Control	Climate control	Tests	2 Blower fan motor-drive low
Kia	Sorento II	Climate Control	Climate control	Tests	3 Blower fan motor-drive medium
Kia	Sorento II	Climate Control	Climate control	Tests	4 Blower fan motor-drive high
Kia	Sorento II	Climate Control	Climate control	Tests	5 Driver air mix door-drive 0%
Kia	Sorento II	Climate Control	Climate control	Tests	6 Driver air mix door-drive 50%
Kia	Sorento II	Climate Control	Climate control	Tests	7 Driver air mix door-drive 100%
Kia	Sorento II	Climate Control	Climate control	Tests	8 Passenger air mix door-drive 0%
Kia	Sorento II	Climate Control	Climate control	Tests	9 Passenger air mix door-drive 50%
Kia	Sorento II	Climate Control	Climate control	Tests	10 Passenger air mix door-drive 100%
Kia	Sorento II	Climate Control	Climate control	Tests	11 Driver mode door-vent
Kia	Sorento II	Climate Control	Climate control	Tests	12 Driver mode door-floor
Kia	Sorento II	Climate Control	Climate control	Tests	13 Driver mode door-def
Kia	Sorento II	Climate Control	Climate control	Tests	14 Fresh air
Kia	Sorento II	Climate Control	Climate control	Tests	15 air circulation
Kia	Sorento II	Climate Control	Climate control	Tests	16 PTC heater drive request: On
Kia	Sorento II	Climate Control	Climate control	Tests	17 External control valve 0%
Kia	Sorento II	Climate Control	Climate control	Tests	18 External control valve 85%
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Adaptations	1 Lambda sensor change
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Adaptations	2 Rail pressure sensor change
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Adaptations	3 Catalytic particle filter (CPF) change
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Adaptations	4 Differential pressure sensor (Particle filter) change
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Adaptations	5 EGR valve change
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Adaptations	6 Swirl control valve change
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Adaptations	7 Throttle valve, adaption
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Adaptations	8 Injector programming
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Adaptations	9 Particle filter regeneration
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	ECU Information	1 ECU hardware number
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	ECU Information	2 ECU software number
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	1 MIL status
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	2 Battery voltage
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	3 Cooling fan low speed
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	4 Fuel pump relay
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	5 Air mass flow
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	6 Accelerator pedal position sensor
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	7 Rail pressure control valve
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	8 EGR actuator
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	9 Barometric pressure sensor
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	10 IAT - Intake air temperature
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	11 Water temperature
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	12 Clutch pedal switch
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	13 Control of AC compressor
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	14 Brake switch 2

Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	15 Brake switch 1
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	16 A/C low pressure cycling switch
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	17 Blower switch
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	18 Ignition lock
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	19 Accelerator Pedal Position sensor 1
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	20 Accelerator Pedal Position Sensor 2
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	21 Glow plug relay
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	22 Fuel quantity
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	23 Vehicle speed
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	24 Cooling fan high speed
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	25 VGT valve actuator
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	26 Fuel temperature sensor
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	27 Engine status
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	28 PTC heater relay
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	29 Immobilizer status lamp
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	30 Fuel pressure setpoint (rail pressure)
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	31 Engine speed
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	32 Output of fuel metering unit (mprop)
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	33 A/C pressure sensor
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	34 Variable swirl control actuator
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	35 Differential pressure sensor
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	36 Throttle actuator
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	37 O2s subtract voltage
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	38 Lambda sensor
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	39 Lambda sensor temperature signal
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	40 Oxygen sensor heater
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	41 Adaption current state
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	42 Oil level - Raw value (option)
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	43 Engine oil level (Filtering value)
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	44 Oil temperature sensor
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	45 Mean value oil level
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	46 Oil Level Status
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	47 Exhaust gas temperature (pre DPF) range
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	48 Load state particle filter
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	49 Calculated engine load
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	50 Air inlet temperature sensor
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	51 Mass air flow per cylinder
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	52 Current injection quantity
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	53 Exhaust Gas Recirculation controller
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	54 Glow control unit, diagnostic feedback
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	55 Malfunction indicator lamp (MIL)
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	56 Vehicle acceleration
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	57 Current injection quantity
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	58 Maximum rail pressure of last 10 ms
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	59 Desired injection quantity of MI1
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	60 Desired injection quantity of Pil1
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	61 Desired injection quantity of Pil2
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	62 Desired injection quantity of Pol1
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	63 Desired injection quantity of Pol2
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	64 Distance driven with MIL on (km)
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	65 Main relay error counter
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	66 Running time with Malfunction Indicator Lamp (MIL) ON
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	67 VSA position
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	68 Variable Swirl Actuator Duty Cycle
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	69 VSA Valve first learnt value
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	70 VSA valve last learnt value
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	71 DPF (Diesel Particulate Filter) Differential Pressure
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	72 AMS stop reason - blower max switch
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	73 Gear is in neutral position(manual transmission only)
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	74 Battery current value
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	75 Battery voltage

Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	76 Battery temperature
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	77 State of Charge
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	78 Battery status
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	79 Battery current value
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	80 Desired alternator voltage duty cycle(AMS)
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	81 Duty cycle from alternator PWM signal(AMS)
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	82 Battery charge warning light
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	83 Flag status of battery health(aging) (AMS)
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	84 Battery: startability limit reached
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	85 Power management, quiescent current fault
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	86 Invalid condition of battery sensor
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	87 Battery sensor fault
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	88 AMS stop reason - head lamp
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Live Parameters	89 AMS stop reason - wiper(AMS)
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	1 A/C compressor relay status
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	2 Malfunction indicator lamp (MIL)
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	3 PTC heater relay
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	4 Blower fan motor-drive high
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	5 Cruise control lamp
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	6 Cruise control set lamp
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	7 Glow lamp control
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	8 Glow control relay 50%
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	9 Glow control relay 78%
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	10 Immobilizer lamp
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	11 Boost pressure actuator 5%
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	12 Boost pressure actuator 95%
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	13 EGR valve
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	14 Throttle position
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	15 Metering unit 5%
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	16 Metering unit 95%
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	17 Variable swirl control actuator 5%
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	18 Variable swirl control actuator 95%
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	19 Blower fan motor-drive low
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	20 Pressure control valve 5%
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	21 Pressure control valve 76%
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	22 Engine speed 500 RPM
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	23 Engine speed 4000 RPM
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	24 EGR cooling by pass 95%
Kia	Sorento II	Engine Diesel	D4HB 2,2 TCI-R	Tests	25 Control unit alternator
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		ECU Information	1 ECU hardware number
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		ECU Information	2 Software version, boot loader
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		ECU Information	3 ECU software number
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		ECU Information	4 Calibration Identification
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		ECU Information	1 ECU hardware number
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		ECU Information	2 Software version, boot loader
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		ECU Information	3 ECU software number
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		ECU Information	4 Calibration Identification
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	1 Input speed
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	2 Output speed
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	3 Shift lever switch AT
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	4 Next gear position
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	5 Oil temperature sensor
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	6 Engine speed
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	7 Gearbox ratio
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	8 Torque converter clutch pressure control
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	9 Torque converter clutch slip
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	10 Vehicle speed
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	11 Engine torque
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	12 Sport mode
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	13 Upshift Switch Circuit
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	14 Downshift Switch Circuit

Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	15 Throttle positioner angle
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	16 Accelerator pedal position sensor
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	17 Brake switch
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	18 Malfunction indicator lamp (MIL)
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	19 Cruise control switch
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	20 Shift control solenoid valve A
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	21 Shift control solenoid valve B
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	22 Shift control solenoid valve C
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	23 Shift control solenoid valve D
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	24 Shift control solenoid valve E
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	25 Shift control solenoid valve F
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	26 Pressure control solenoid valve A
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	27 Torque converter clutch solenoid
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	1 Input speed
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	2 Output speed
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	3 Shift lever switch AT
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	4 Current gear
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	5 Next gear position
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	6 Oil temperature sensor
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	7 Engine speed
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	8 Gearbox ratio
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	9 Torque converter clutch pressure control
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	10 Torque converter clutch slip
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	11 Vehicle speed
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	12 Engine torque
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	13 Sport mode
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	14 Upshift Switch Circuit
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	15 Downshift Switch Circuit
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	16 Throttle positioner angle
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	17 Accelerator pedal position sensor
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	18 Brake switch
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	19 Malfunction indicator lamp (MIL)
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	20 Shift control solenoid valve A
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	21 Shift control solenoid valve B
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	22 Shift control solenoid valve C
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	23 Shift control solenoid valve D
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	24 Shift control solenoid valve E
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	25 Shift control solenoid valve F
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	26 Pressure control solenoid valve A
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Live Parameters	27 Torque converter clutch solenoid
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	1 Shift control solenoid valve A
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	2 Shift control solenoid valve B
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	3 Shift control solenoid valve C
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	4 Shift control solenoid valve D
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	5 Shift control solenoid valve E
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	6 Shift control solenoid valve F
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	7 Pressure control solenoid valve A
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	8 Torque converter clutch solenoid
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	1 Shift control solenoid valve A
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	2 Shift control solenoid valve B
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	3 Shift control solenoid valve C
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	4 Shift control solenoid valve D
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	5 Shift control solenoid valve E
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	6 Shift control solenoid valve F
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	7 Pressure control solenoid valve A
Kia	Sorento II	Gearbox / Automatic Trar Gearbox		Tests	8 Torque converter clutch solenoid
Kia	Sorento II	Headlight	Headlights	ECU Information	1 Vehicle ID
Kia	Sorento II	Headlight	Headlights	ECU Information	2 Control unit ID
Kia	Sorento II	Headlight	Headlights	ECU Information	3 System name
Kia	Sorento II	Headlight	Headlights	ECU Information	4 Manufacturing date
Kia	Sorento II	Headlight	Headlights	ECU Information	5 Hardware version

Kia	Sorento II	Headlight	Headlights	ECU Information	6 Software version
Kia	Sorento II	Headlight	Headlights	ECU Information	7 Software version, boot loader
Kia	Sorento II	Headlight	Headlights	Live Parameters	1 Vehicle speed
Kia	Sorento II	Headlight	Headlights	Live Parameters	2 Clutch actuator position
Kia	Sorento II	Headlight	Headlights	Live Parameters	3 Angle sensor
Kia	Sorento II	Headlight	Headlights	Live Parameters	4 Rear height sensor
Kia	Sorento II	Headlight	Headlights	Live Parameters	5 Supply voltage
Kia	Sorento II	Headlight	Headlights	Live Parameters	6 Headlamp Levelling Device Status
Kia	Sorento II	Headlight	Headlights	Tests	1 Head lamp leveling Min (Low) position
Kia	Sorento II	Headlight	Headlights	Tests	2 Head lamp leveling Max (High) position
Kia	Sorento II	Headlight	Headlights	Tests	3 Head lamp leveling normal position
Kia	Sorento II	Immobiliser	Immobiliser	Live Parameters	1 Number of enabled keys
Kia	Sorento II	Immobiliser	Immobiliser	Live Parameters	2 ECU status
Kia	Sorento II	Immobiliser	Immobiliser	Live Parameters	3 Key status
Kia	Sorento II	Immobiliser	Immobiliser	Live Parameters	4 SMARTRA status
Kia	Sorento II	Other	AHS - Active Hood System	ECU Information	1 Vehicle ID
Kia	Sorento II	Other	AHS - Active Hood System	ECU Information	2 Control unit ID
Kia	Sorento II	Other	AHS - Active Hood System	ECU Information	3 System name
Kia	Sorento II	Other	AHS - Active Hood System	ECU Information	4 Hardware version
Kia	Sorento II	Other	AHS - Active Hood System	ECU Information	5 Software version
Kia	Sorento II	Other	AHS - Active Hood System	ECU Information	6 Calibration version
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	1 Power input battery state (Left Hand)
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	2 Power input battery state (Right Hand)
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	3 Power input ignition state
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	4 Actuator output state (Left Hand)
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	5 Actuator output state (Right Hand)
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	6 Power input ignition voltage
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	7 Actuator output state (Left Hand)
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	8 Actuator output state (Right Hand)
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	9 Ignition key position
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	10 Warning lamp signal output state
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	11 Warning message output state
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	12 Vehicle signal source state (EMS/TCS/ABS)
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	13 Speed signal
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	14 Ambient temperature
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	15 Internal temperature sensor
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	16 LED control input voltage
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	17 Fibre optical sensor input voltage
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	18 Contact sensor input state (1st section)
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	19 Contact sensor input state (2nd section)
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	20 Contact sensor input state (3rd section)
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	21 Contact sensor input state (4th section)
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	22 Contact sensor input state (5th section)
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	23 Contact sensor input state (6th section)
Kia	Sorento II	Other	AHS - Active Hood System	Live Parameters	24 Crash counter
Kia	Sorento II	Other	AHS - Active Hood System	Tests	1 Warning message - Failure
Kia	Sorento II	Other	AHS - Active Hood System	Tests	2 Warning message - Fired
Kia	Sorento II	Other	AHS - Active Hood System	Tests	3 Warning lamp
Kia	Sorento II	Other	AHS - Active Hood System	Tests	4 Warning lamp - Blinking
Kia	Sorento II	Other	Four wheel drive	ECU Information	1 ECU calibration date
Kia	Sorento II	Other	Four wheel drive	ECU Information	2 ECU hardware number
Kia	Sorento II	Other	Four wheel drive	ECU Information	3 Boot software version: Version number
Kia	Sorento II	Other	Four wheel drive	ECU Information	4 ECU software
Kia	Sorento II	Other	Four wheel drive	ECU Information	5 ECU hardware number
Kia	Sorento II	Other	Four wheel drive	ECU Information	1 Software version, boot loader
Kia	Sorento II	Other	Four wheel drive	ECU Information	2 ECU software
Kia	Sorento II	Other	Four wheel drive	ECU Information	3 ECU software number
Kia	Sorento II	Other	Four wheel drive	ECU Information	4 ECU Part Number
Kia	Sorento II	Other	Four wheel drive	Live Parameters	1 Engine speed
Kia	Sorento II	Other	Four wheel drive	Live Parameters	2 Vehicle speed
Kia	Sorento II	Other	Four wheel drive	Live Parameters	3 Throttle position

Kia	Sorento II	Other	Four wheel drive	Live Parameters	4 Supply voltage, ignition
Kia	Sorento II	Other	Four wheel drive	Live Parameters	5 Battery voltage
Kia	Sorento II	Other	Four wheel drive	Live Parameters	6 Driver Torque
Kia	Sorento II	Other	Four wheel drive	Live Parameters	7 Torque Converter Clutch solenoid duty
Kia	Sorento II	Other	Four wheel drive	Live Parameters	8 Heat energy(ITCC)
Kia	Sorento II	Other	Four wheel drive	Live Parameters	9 TCU (Transmission control unit) mode
Kia	Sorento II	Other	Four wheel drive	Live Parameters	10 Front right wheel speed sensor
Kia	Sorento II	Other	Four wheel drive	Live Parameters	11 Front left wheel speed sensor
Kia	Sorento II	Other	Four wheel drive	Live Parameters	12 Rear right wheel speed sensor
Kia	Sorento II	Other	Four wheel drive	Live Parameters	13 Rear left wheel speed sensor
Kia	Sorento II	Other	Four wheel drive	Live Parameters	14 Warning lamp
Kia	Sorento II	Other	Four wheel drive	Live Parameters	1 Engine speed
Kia	Sorento II	Other	Four wheel drive	Live Parameters	2 Vehicle speed
Kia	Sorento II	Other	Four wheel drive	Live Parameters	3 Throttle position
Kia	Sorento II	Other	Four wheel drive	Live Parameters	4 Supply voltage, ignition
Kia	Sorento II	Other	Four wheel drive	Live Parameters	5 Battery voltage
Kia	Sorento II	Other	Four wheel drive	Live Parameters	6 Driver Torque
Kia	Sorento II	Other	Four wheel drive	Live Parameters	7 Torque Converter Clutch solenoid duty
Kia	Sorento II	Other	Four wheel drive	Live Parameters	8 Heat energy(ITCC)
Kia	Sorento II	Other	Four wheel drive	Live Parameters	9 Front right wheel speed sensor
Kia	Sorento II	Other	Four wheel drive	Live Parameters	10 Front left wheel speed sensor
Kia	Sorento II	Other	Four wheel drive	Live Parameters	11 Rear right wheel speed sensor
Kia	Sorento II	Other	Four wheel drive	Live Parameters	12 Rear left wheel speed sensor
Kia	Sorento II	Other	Four wheel drive	Live Parameters	13 Steering angle sensor
Kia	Sorento II	Other	Four wheel drive	Live Parameters	14 Warning lamp
Kia	Sorento II	Other	Four wheel drive	Live Parameters	15 Pressure sensor
Kia	Sorento II	Other	Four wheel drive	Tests	1 Torque Converter Clutch Pressure Control Solenoid Valve Control Circuit
Kia	Sorento II	Other	Four wheel drive	Tests	2 All Wheel Drive Clutch Control Circuit
Kia	Sorento II	Other	Four wheel drive	Tests	3 4WD warning light
Kia	Sorento II	Restraints	Airbag	ECU Information	1 Vehicle information
Kia	Sorento II	Restraints	Airbag	ECU Information	2 Control unit ID
Kia	Sorento II	Restraints	Airbag	ECU Information	3 System name
Kia	Sorento II	Restraints	Airbag	ECU Information	4 Manufacturing date day
Kia	Sorento II	Restraints	Airbag	ECU Information	5 ECU code
Kia	Sorento II	Restraints	Airbag	ECU Information	1 Vehicle information
Kia	Sorento II	Restraints	Airbag	ECU Information	2 Control unit ID
Kia	Sorento II	Restraints	Airbag	ECU Information	3 System name
Kia	Sorento II	Restraints	Airbag	ECU Information	4 Manufacturing date day
Kia	Sorento II	Restraints	Airbag	ECU Information	5 ECU code
Kia	Sorento II	Restraints	Airbag	Live Parameters	1 Passenger Occupant Classification Sensor
Kia	Sorento II	Restraints	Airbag	Live Parameters	2 Passenger occupant detection
Kia	Sorento II	Restraints	Airbag	Live Parameters	3 Switch passenger airbag
Kia	Sorento II	Restraints	Airbag	Live Parameters	4 Battery voltage
Kia	Sorento II	Restraints	Airbag	Live Parameters	5 Passenger seat track position sensor
Kia	Sorento II	Restraints	Airbag	Live Parameters	6 Driver buckle switch status
Kia	Sorento II	Restraints	Airbag	Live Parameters	7 Passenger buckle switch status
Kia	Sorento II	Restraints	Airbag	Live Parameters	8 Driver Seat Track Position Sensor
Kia	Sorento II	Restraints	Airbag	Live Parameters	9 1st level, drivers airbag resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	10 2nd level, drivers airbag resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	11 1st level, passenger airbag resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	12 2nd level, passenger airbag resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	13 Driver pretensioner ignition squib
Kia	Sorento II	Restraints	Airbag	Live Parameters	14 Squib circuit, belt tensioner, passenger side
Kia	Sorento II	Restraints	Airbag	Live Parameters	15 Driver side, side airbag squib circuit, resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	16 Passenger side, side airbag squib circuit, resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	17 Driver Curtain Airbag
Kia	Sorento II	Restraints	Airbag	Live Parameters	18 Passenger Curtain Airbag
Kia	Sorento II	Restraints	Airbag	Live Parameters	19 Anchor fitting tensioner ignition squib, driver side
Kia	Sorento II	Restraints	Airbag	Live Parameters	20 Anchor fitting tensioner ignition squib, passenger side
Kia	Sorento II	Restraints	Airbag	Live Parameters	1 Switch passenger airbag
Kia	Sorento II	Restraints	Airbag	Live Parameters	2 Battery voltage

Kia	Sorento II	Restraints	Airbag	Live Parameters	3 Driver Seat Track Position Sensor
Kia	Sorento II	Restraints	Airbag	Live Parameters	4 Passenger seat track position sensor
Kia	Sorento II	Restraints	Airbag	Live Parameters	5 Driver buckle switch status
Kia	Sorento II	Restraints	Airbag	Live Parameters	6 Passenger buckle switch status
Kia	Sorento II	Restraints	Airbag	Live Parameters	7 1st level, drivers airbag resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	8 2nd level, drivers airbag resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	9 1st level, passenger airbag resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	10 2nd level, passenger airbag resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	11 Driver pretensioner ignition squib
Kia	Sorento II	Restraints	Airbag	Live Parameters	12 Squib circuit, belt tensioner, passenger side
Kia	Sorento II	Restraints	Airbag	Live Parameters	13 Driver side, side airbag squib circuit, resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	14 Passenger side, side airbag squib circuit, resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	15 Rear driver side airbag squib circuit
Kia	Sorento II	Restraints	Airbag	Live Parameters	16 Rear passenger side, side airbag squib circuit, resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	17 Driver Curtain Airbag
Kia	Sorento II	Restraints	Airbag	Live Parameters	18 Passenger Curtain Airbag
Kia	Sorento II	Restraints	Airbag	Live Parameters	19 Anchor fitting tensioner ignition squib, driver side
Kia	Sorento II	Restraints	Airbag	Live Parameters	20 Anchor fitting tensioner ignition squib, passenger side
Kia	Sorento II	Restraints	Airbag	Live Parameters	21 Driver knee airbag, resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	22 Passenger knee airbag, resistance
Kia	Sorento II	Restraints	Airbag	Live Parameters	23 Center passenger pretensioner squib, airbag/pretensioners impact data
Kia	Sorento II	Restraints	Airbag	Live Parameters	24 Resistance - rear driver's side pretensioner
Kia	Sorento II	Restraints	Airbag	Live Parameters	25 Resistance - rear passenger's side pretensioner
Kia	Sorento II	Steering	Power steering	Adaptations	1 Steering angle calibration
Kia	Sorento II	Steering	Power steering	ECU Information	1 System name
Kia	Sorento II	Steering	Power steering	ECU Information	2 ECU hardware number
Kia	Sorento II	Steering	Power steering	ECU Information	3 ECU software
Kia	Sorento II	Steering	Power steering	ECU Information	4 Tuning number
Kia	Sorento II	Steering	Power steering	ECU Information	5 Vehicle information
Kia	Sorento II	Steering	Power steering	Live Parameters	1 Battery voltage
Kia	Sorento II	Steering	Power steering	Live Parameters	2 Steering wheel torque
Kia	Sorento II	Steering	Power steering	Live Parameters	3 Steering angle sensor
Kia	Sorento II	Steering	Power steering	Live Parameters	4 Steering Angle Sensor Calibrated
Kia	Sorento II	Steering	Power steering	Live Parameters	5 Steering wheel angle velocity
Kia	Sorento II	Steering	Power steering	Live Parameters	6 Motor current
Kia	Sorento II	Steering	Power steering	Live Parameters	7 Target motor current
Kia	Sorento II	Steering	Power steering	Live Parameters	8 Target engine torque
Kia	Sorento II	Steering	Power steering	Live Parameters	9 ECU temperature
Kia	Sorento II	Steering	Power steering	Live Parameters	10 Motor temperature sensor
Kia	Sorento II	Steering	Power steering	Live Parameters	11 Derating status
Kia	Sorento II	Steering	Power steering	Live Parameters	12 Vehicle speed
Kia	Sorento II	Steering	Power steering	Live Parameters	13 Filtered vehicle speed
Kia	Sorento II	Steering	Power steering	Live Parameters	14 Index sensor signal
Kia	Sorento II	Steering	Power steering	Live Parameters	15 Engine status
Kia	Sorento II	Steering	Power steering	Live Parameters	16 Calibration status
Kia	Soul	Body Control Module	Body control module	ECU Information	1 Control unit ID
Kia	Soul	Body Control Module	Body control module	ECU Information	2 Manufacturing date
Kia	Soul	Body Control Module	Body control module	ECU Information	3 Software version
Kia	Soul	Body Control Module	Body control module	ECU Information	4 Hardware version
Kia	Soul	Body Control Module	Body control module	ECU Information	5 (CAN bus)
Kia	Soul	Body Control Module	Body control module	Live Parameters	1 Ignition 1
Kia	Soul	Body Control Module	Body control module	Live Parameters	2 Ignition 2
Kia	Soul	Body Control Module	Body control module	Live Parameters	3 Key-in switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	4 ACC
Kia	Soul	Body Control Module	Body control module	Live Parameters	5 External trunk relay
Kia	Soul	Body Control Module	Body control module	Live Parameters	6 Power window relay
Kia	Soul	Body Control Module	Body control module	Live Parameters	7 Taillight switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	8 Headlamp switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	9 Rear Fog Lamp
Kia	Soul	Body Control Module	Body control module	Live Parameters	10 Lowbeam headlamp
Kia	Soul	Body Control Module	Body control module	Live Parameters	11 Front fog lamps

Kia	Soul	Body Control Module	Body control module	Live Parameters	12 Driver seat belt switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	13 Head lamp low signal output
Kia	Soul	Body Control Module	Body control module	Live Parameters	14 Rear fog light, relay command
Kia	Soul	Body Control Module	Body control module	Live Parameters	15 Hazard relay
Kia	Soul	Body Control Module	Body control module	Live Parameters	16 Automatic lights safety relay
Kia	Soul	Body Control Module	Body control module	Live Parameters	17 Interior light illumination
Kia	Soul	Body Control Module	Body control module	Live Parameters	18 Front fog lamp relay
Kia	Soul	Body Control Module	Body control module	Live Parameters	19 Daytime running light, left
Kia	Soul	Body Control Module	Body control module	Live Parameters	20 Daytime running light, right
Kia	Soul	Body Control Module	Body control module	Live Parameters	21 Taillight relay switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	22 Passenger seatbelt indicator
Kia	Soul	Body Control Module	Body control module	Live Parameters	23 Right Turn Signal Lights Command
Kia	Soul	Body Control Module	Body control module	Live Parameters	24 Front passenger seat belt switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	25 Automatic lighting button
Kia	Soul	Body Control Module	Body control module	Live Parameters	26 Automatic light system
Kia	Soul	Body Control Module	Body control module	Live Parameters	27 Driver door switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	28 Passenger door switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	29 Contact, trunk lid
Kia	Soul	Body Control Module	Body control module	Live Parameters	30 Luggage compartment/tailgate release switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	31 Left rear door opening switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	32 Right rear door opening switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	33 Hood switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	34 Battery voltage monitoring input
Kia	Soul	Body Control Module	Body control module	Live Parameters	35 Drivers door unlock switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	36 Assist door lock/unlock button
Kia	Soul	Body Control Module	Body control module	Live Parameters	37 Unlock button rear doors
Kia	Soul	Body Control Module	Body control module	Live Parameters	38 Driver door key lock switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	39 Driver door key unlock switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	40 Passenger Door Key, Unlock Switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	41 Power window, window lock switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	42 Power Window door unlock switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	43 Crash signal
Kia	Soul	Body Control Module	Body control module	Live Parameters	44 All doors lock relay
Kia	Soul	Body Control Module	Body control module	Live Parameters	45 All doors unlock relay
Kia	Soul	Body Control Module	Body control module	Live Parameters	46 Door deadlocking relay
Kia	Soul	Body Control Module	Body control module	Live Parameters	47 Light sensor
Kia	Soul	Body Control Module	Body control module	Live Parameters	48 Front washer switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	49 Front wiper interval / Auto wiper switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	50 Single wipe
Kia	Soul	Body Control Module	Body control module	Live Parameters	51 Rear washer switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	52 Rear wiper: on
Kia	Soul	Body Control Module	Body control module	Live Parameters	53 Rear Wiper Intermittent Switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	54 Front wiper relay
Kia	Soul	Body Control Module	Body control module	Live Parameters	55 Rear window wiper relay
Kia	Soul	Body Control Module	Body control module	Live Parameters	56 Rear defogger switch
Kia	Soul	Body Control Module	Body control module	Live Parameters	57 Defogger Relay (Rear)
Kia	Soul	Body Control Module	Body control module	Live Parameters	58 Burglar alarm
Kia	Soul	Body Control Module	Body control module	Live Parameters	59 Buzzer
Kia	Soul	Body Control Module	Body control module	Live Parameters	60 Intermittent wiper volume
Kia	Soul	Body Control Module	Body control module	Live Parameters	61 Key status
Kia	Soul	Body Control Module	Body control module	Live Parameters	62 Number of registered immobilizer key
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Adaptations	1 Gyrometer/accelerometer sensor calibration
Kia	Soul	Brake System	ABS/ESP - electronic stability program	ECU Information	1 Vehicle type
Kia	Soul	Brake System	ABS/ESP - electronic stability program	ECU Information	2 Software version
Kia	Soul	Brake System	ABS/ESP - electronic stability program	ECU Information	3 Software version
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	1 Engine speed
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	2 Vehicle speed
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	3 Throttle position
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	4 Battery positive voltage
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	5 Front left wheel speed sensor
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	6 Front right wheel speed sensor

Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	7 Rear left wheel speed sensor
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	8 Rear right wheel speed sensor
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	9 G Sensor (longitudinal)
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	10 ABS warning lamp
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	11 EBD warning lamp
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	12 TCS/ESP warning lamp
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	13 ASR/ESP warning lamp OFF
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	14 Status ESP switch
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	15 Brake light switch, normally open contact
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	16 Brake switch [NC] -ESP only
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	17 Motor relay
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	18 valve relay
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	19 Hill assist brake lamp
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	20 ESS brake lamp [ESS only]
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	21 Motor
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	22 Inlet valve front left
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	23 Inlet valve front right
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	24 Inlet valve rear left
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	25 Inlet valve rear right
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	26 Outlet valve front left
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	27 Outlet valve front right
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	28 Outlet valve rear left
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	29 Outlet valve rear right
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	30 TCS valve (USV 1)
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	31 TCS valve (USV 2)
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	32 ESP valve (HSV 1)
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	33 ESP valve (HSV 2)
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	34 Steering Angel Sensor
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	35 Lateral acceleration sensor
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	36 Yaw rate
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	37 Pressure sensor - positive(ESP only)
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Live Parameters	38 Pressure sensor - Negative(ESP only)
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	1 Motor
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	2 Inlet valve front left
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	3 Inlet valve front right
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	4 Inlet valve rear left
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	5 Inlet valve rear right
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	6 Outlet valve front left
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	7 Outlet valve front right
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	8 Outlet valve rear left
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	9 Outlet valve rear right
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	10 TCS Valve Left front
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	11 TCS Valve Right front
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	12 Electric shuttle Valve Right front
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	13 Electric shuttle Valve Left front
Kia	Soul	Brake System	ABS/ESP - electronic stability program	Tests	14 ESS Brake lamp relay(ESS Only)
Kia	Soul	Climate Control	Climate control	ECU Information	1 Vehicle information
Kia	Soul	Climate Control	Climate control	ECU Information	2 Control unit ID
Kia	Soul	Climate Control	Climate control	ECU Information	3 System name
Kia	Soul	Climate Control	Climate control	ECU Information	4 Software version
Kia	Soul	Climate Control	Climate control	Live Parameters	1 Interior temperature sensor
Kia	Soul	Climate Control	Climate control	Live Parameters	2 Ambient temperature
Kia	Soul	Climate Control	Climate control	Live Parameters	3 Sensor, evaporator
Kia	Soul	Climate Control	Climate control	Live Parameters	4 Light sensor
Kia	Soul	Climate Control	Climate control	Live Parameters	5 Air mix door potentiometer-driver
Kia	Soul	Climate Control	Climate control	Live Parameters	6 Direction potentiometer-Driver
Kia	Soul	Climate Control	Climate control	Live Parameters	7 Air intake potentiometer
Kia	Soul	Climate Control	Climate control	Live Parameters	8 Speed Sensor
Kia	Soul	Climate Control	Climate control	Live Parameters	9 Engine coolant temperature sensor
Kia	Soul	Climate Control	Climate control	Tests	1 Air conditioning compressor
Kia	Soul	Climate Control	Climate control	Tests	2 AC compressor clutch off

Kia	Soul	Climate Control	Climate control	Tests	3 Blower fan motor off command
Kia	Soul	Climate Control	Climate control	Tests	4 Blower fan motor-drive low
Kia	Soul	Climate Control	Climate control	Tests	5 Blower fan motor-drive medium
Kia	Soul	Climate Control	Climate control	Tests	6 Blower fan motor-drive high
Kia	Soul	Climate Control	Climate control	Tests	7 Driver air mix door-drive 0%
Kia	Soul	Climate Control	Climate control	Tests	8 Driver air mix door-drive 50%
Kia	Soul	Climate Control	Climate control	Tests	9 Driver air mix door-drive 100%
Kia	Soul	Climate Control	Climate control	Tests	10 Driver mode door-vent
Kia	Soul	Climate Control	Climate control	Tests	11 Driver mode door-floor
Kia	Soul	Climate Control	Climate control	Tests	12 Driver mode door-def
Kia	Soul	Climate Control	Climate control	Tests	13 Fresh air
Kia	Soul	Climate Control	Climate control	Tests	14 air circulation
Kia	Soul	Climate Control	Climate control	Tests	15 PTC heater
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Adaptations	1 Lambda sensor change
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Adaptations	2 Rail pressure sensor change
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Adaptations	3 Air flow change
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Adaptations	4 Catalytic particle filter (CPF) change
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Adaptations	5 Reset pressure sensor diesel partichel filter
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Adaptations	6 Swirl control valve change
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Adaptations	7 Injector programming
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Adaptations	8 Particle filter regeneration
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	ECU Information	1 ECU hardware number
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	ECU Information	2 ECU software number
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	1 Battery voltage
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	2 Cooling fan low speed
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	3 Boost pressure sensor
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	4 Air mass flow
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	5 Accelerator pedal position sensor
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	6 fuel pressure
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	7 Air mass meter
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	8 EGR actuator
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	9 Barometric pressure sensor
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	10 IAT - Intake air temperature
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	11 Water temperature
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	12 Clutch pedal switch
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	13 Control of AC compressor
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	14 Gearbox neutral status
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	15 Brake switch 2
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	16 Brake switch 1
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	17 A/C low pressure cycling switch
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	18 Blower switch
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	19 Ignition lock
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	20 Accelerator Pedal Position sensor 1
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	21 Accelerator Pedal Position Sensor 2
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	22 Glow plug relay
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	23 Fuel quantity
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	24 Vehicle speed
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	25 Cooling fan high speed
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	26 VGT valve actuator
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	27 Fuel temperature sensor
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	28 After run
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	29 PTC heater relay
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	30 Immobilizer status lamp
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	31 Engine speed
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	32 MIL warning lamp lit
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	33 Output of fuel metering unit (mprop)
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	34 Air conditioner pressure signal
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	35 A/C pressure sensor
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	36 Variable swirl control actuator
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	37 Exhaust temperature Sensor 2
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	38 Differential pressure sensor

Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	39 Throttle actuator
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	40 Lambda sensor
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	41 Adaption current state
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	42 Diesel particulate filter differential pressure
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	43 Exhaust gas temperature (pre DPF) range
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	44 Pressure pre particulate filter
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	45 Calculated engine load
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	46 Boost pressure sensor
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	47 Air inlet temperature sensor
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	48 Air mass flow
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	49 Rail pressure linearised
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	50 Mass air flow per cylinder
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	51 Current injection quantity
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	52 Exhaust Gas Recirculation controller
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	53 Variable Swirl Actuator Duty Cycle
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	54 Status 'Check engine lamp'
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	55 Malfunction indicator lamp (MIL)
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	56 Actual engine temperature
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	57 Vehicle acceleration
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	58 Current injection quantity
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	59 Cruise control status
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	60 Brake status
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	61 MSR
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	62 Status ABS
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	63 Torque reduction request
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	64 Torque reduction request
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	65 Average engine speed
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	66 Ratio of throttle valve
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	67 Glow control relay status
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	68 Intake air temperature (raw value)
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	69 Desired injection quantity of MI1
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	70 Desired injection quantity of Pil1
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	71 Desired injection quantity of Pil2
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	72 Desired injection quantity of Pil3
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	73 Desired injection quantity of Pol1
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	74 Desired injection quantity of Pol2
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	75 Current injection quantity
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	76 Engine oil temperature
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	77 Rail pressure (raw value)
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	78 Distance driven with MIL on (km)
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	79 Main relay error counter
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	80 Running time with Malfunction Indicator Lamp (MIL) ON
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	81 VSA position
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	82 Variable Swirl Actuator Duty Cycle
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	83 VSA Valve first learnt value
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	84 VSA valve last learnt value
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	85 DPF (Diesel Particulate Filter) Differential Pressure
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	86 ISG system built-in
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	87 ISG status(ISG)
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	88 AMS stop reason - blower max switch
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	89 Gear is in neutral position(manual transmission only)
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	90 Starter condition
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	91 Starter Request Circuit
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	92 Clutch is pushed more than 10%
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	93 Idle stop request by drivers demand
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	94 Drivers seatbelt
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	95 Driver's door
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	96 Hood switch
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	97 Battery current value
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	98 Battery voltage
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	99 Battery temperature

Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	100 State of Charge
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	101 Battery status
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	102 Battery current value
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	103 Brake booster pressure sensor
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	104 Brake booster pressure sensor volt
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	105 Nominal capacity(AMS)
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	106 No idle stop by fuel system
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	107 No idle stop by torque system
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	108 No idle stop by exhaust system
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	109 No idle stop by vehicle speed condition
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	110 No idle stop by ISG component error
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	111 No idle stop by operation data
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	112 No idle stop by air conditioning system
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	113 No idle stop by invalid battery sensor data
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	114 No idle stop by engine temperature
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	115 No idle stop by safety driver door seat belt hood switch
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	116 No idle stop by regeneration
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	117 No idle stop by time since the engine start to low
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	118 No idle stop by ISG inhibit switch
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Live Parameters	119 No idle stop by high engine speed
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	1 A/C compressor relay status
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	2 Malfunction indicator lamp (MIL)
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	3 PTC heater relay
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	4 Blower fan motor-drive high
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	5 Cruise control lamp
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	6 Cruise control set lamp
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	7 Glow time lamp
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	8 Glowplug relay
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	9 Immobilizer lamp
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	10 Boost pressure actuator 5%
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	11 Boost pressure actuator 95%
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	12 EGR valve 5%
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	13 EGR valve 95%
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	14 Throttle valve actuator 5%
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	15 Throttle valve actuator 95%
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	16 Variable swirl control actuator 5%
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	17 Variable swirl control actuator 95%
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	18 Blower fan motor-drive low
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	19 ISG inhibit lamp
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	20 ISG test
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	21 Throttle unit 5%
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	22 Throttle unit 95%
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	23 EGR cooling by pass 5%
Kia	Soul	Engine Diesel	D4FB-F 1,6 TCI-U2	Tests	24 EGR cooling by pass 5%
Kia	Soul	Immobiliser	Immobiliser	Live Parameters	1 Number of enabled keys
Kia	Soul	Immobiliser	Immobiliser	Live Parameters	2 ECU status
Kia	Soul	Immobiliser	Immobiliser	Live Parameters	3 Key status
Kia	Soul	Immobiliser	Immobiliser	Live Parameters	4 SMARTRA status
Kia	Soul	Other	Keyless vehicle module	ECU Information	1 Vehicle ID
Kia	Soul	Other	Keyless vehicle module	ECU Information	2 Control unit ID
Kia	Soul	Other	Keyless vehicle module	ECU Information	3 System name
Kia	Soul	Other	Keyless vehicle module	ECU Information	4 Software version
Kia	Soul	Other	Keyless vehicle module	ECU Information	5 Hardware version
Kia	Soul	Other	Keyless vehicle module	ECU Information	6 (CAN bus)
Kia	Soul	Other	Keyless vehicle module	Live Parameters	1 ACC
Kia	Soul	Other	Keyless vehicle module	Live Parameters	2 Ignition 1
Kia	Soul	Other	Keyless vehicle module	Live Parameters	3 Gearshift P position (AT) / Clutch (MT)
Kia	Soul	Other	Keyless vehicle module	Live Parameters	4 Brake switch
Kia	Soul	Other	Keyless vehicle module	Live Parameters	5 Start-stop button
Kia	Soul	Other	Keyless vehicle module	Live Parameters	6 Driver door locking button
Kia	Soul	Other	Keyless vehicle module	Live Parameters	7 Assist door lock/unlock button

Kia	Soul	Other	Keyless vehicle module	Live Parameters	8 Tailgate handle switch
Kia	Soul	Other	Keyless vehicle module	Live Parameters	9 Battery voltage
Kia	Soul	Other	Keyless vehicle module	Live Parameters	10 Immobilizer indicator
Kia	Soul	Other	Keyless vehicle module	Live Parameters	11 ESCL (Electromechanical Steering Column Lock)
Kia	Soul	Other	Keyless vehicle module	Live Parameters	12 External buzzer
Kia	Soul	Other	Keyless vehicle module	Live Parameters	13 SMK POWER MODE STATE
Kia	Soul	Other	Smart key power module	ECU Information	1 Control unit ID
Kia	Soul	Other	Smart key power module	ECU Information	2 Software version
Kia	Soul	Other	Smart key power module	ECU Information	3 Hardware version
Kia	Soul	Other	Smart key power module	Live Parameters	1 Battery Monitor Load
Kia	Soul	Other	Smart key power module	Live Parameters	2 Vehicle speed ABS
Kia	Soul	Other	Smart key power module	Live Parameters	3 Substitute value wheel speed, output speed
Kia	Soul	Other	Smart key power module	Live Parameters	4 Masterkey in ignition switch
Kia	Soul	Other	Smart key power module	Live Parameters	5 Ignition 2 input open
Kia	Soul	Other	Smart key power module	Live Parameters	6 ESCL Unlock signal
Kia	Soul	Other	Smart key power module	Live Parameters	7 Ignition 1 switch input
Kia	Soul	Other	Smart key power module	Live Parameters	8 ACC
Kia	Soul	Other	Smart key power module	Live Parameters	9 Start/Stop switch
Kia	Soul	Other	Smart key power module	Live Parameters	10 Illumination start button
Kia	Soul	Other	Smart key power module	Live Parameters	11 FOB holder illumination
Kia	Soul	Other	Smart key power module	Live Parameters	12 Start stop button LED blue/green
Kia	Soul	Other	Smart key power module	Live Parameters	13 Start stop button LED amber
Kia	Soul	Other	Smart key power module	Live Parameters	14 ESCL ground output
Kia	Soul	Other	Smart key power module	Live Parameters	15 ESCL battery output
Kia	Soul	Other	Smart key power module	Live Parameters	16 Starter relay output
Kia	Soul	Other	Smart key power module	Live Parameters	17 Ignition 2 relay output
Kia	Soul	Other	Smart key power module	Live Parameters	18 ignition 1 relay output
Kia	Soul	Other	Smart key power module	Live Parameters	19 A/C relay, output
Kia	Soul	Other	Smart key power module	Live Parameters	20 ECU power supply voltage.
Kia	Soul	Other	Smart key power module	Live Parameters	21 Starter relay, short-circuit to +12V
Kia	Soul	Other	Smart key power module	Live Parameters	22 Ignition 2 input short circuit to battery
Kia	Soul	Other	Smart key power module	Live Parameters	23 Ignition 1 input short circuit to battery
Kia	Soul	Other	Smart key power module	Live Parameters	24 Air conditioning clutch relay circuit, short to battery voltage
Kia	Soul	Other	Smart key power module	Live Parameters	25 Ignition 2 relay
Kia	Soul	Other	Smart key power module	Live Parameters	26 Ignition 1 relay
Kia	Soul	Other	Smart key power module	Live Parameters	27 ACC relay
Kia	Soul	Other	Smart key power module	Live Parameters	28 Starter output short circuit to battery
Kia	Soul	Other	Smart key power module	Live Parameters	29 Ignition 2 output short circuit to battery
Kia	Soul	Other	Smart key power module	Live Parameters	30 Ignition 1 output short circuit to battery
Kia	Soul	Other	Smart key power module	Live Parameters	31 ACC output short circuit to battery
Kia	Soul	Other	Smart key power module	Live Parameters	32 Starter output short circuit to ground (present)
Kia	Soul	Other	Smart key power module	Live Parameters	33 Ignition 2 output short circuit to ground
Kia	Soul	Other	Smart key power module	Live Parameters	34 Ignition 1 output short circuit to ground
Kia	Soul	Other	Smart key power module	Live Parameters	35 ACC output short circuit to ground
Kia	Soul	Restraints	Airbag	ECU Information	1 Vehicle information
Kia	Soul	Restraints	Airbag	ECU Information	2 Control unit ID
Kia	Soul	Restraints	Airbag	ECU Information	3 System name
Kia	Soul	Restraints	Airbag	ECU Information	4 Manufacturing date day
Kia	Soul	Restraints	Airbag	ECU Information	5 ECU code
Kia	Soul	Restraints	Airbag	Live Parameters	1 Passenger Occupant Classification Sensor
Kia	Soul	Restraints	Airbag	Live Parameters	2 Passenger occupant detection
Kia	Soul	Restraints	Airbag	Live Parameters	3 Switch passenger airbag
Kia	Soul	Restraints	Airbag	Live Parameters	4 Battery voltage
Kia	Soul	Restraints	Airbag	Live Parameters	5 Driver Seat Track Position Sensor
Kia	Soul	Restraints	Airbag	Live Parameters	6 Passenger seat track position sensor
Kia	Soul	Restraints	Airbag	Live Parameters	7 Driver buckle switch status
Kia	Soul	Restraints	Airbag	Live Parameters	8 Passenger buckle switch status
Kia	Soul	Restraints	Airbag	Live Parameters	9 1st level, drivers airbag resistance
Kia	Soul	Restraints	Airbag	Live Parameters	10 2nd level, drivers airbag resistance
Kia	Soul	Restraints	Airbag	Live Parameters	11 1st level, passenger airbag resistance
Kia	Soul	Restraints	Airbag	Live Parameters	12 2nd level, passenger airbag resistance

Kia	Soul	Restraints	Airbag	Live Parameters	13 Driver pretensioner ignition squib
Kia	Soul	Restraints	Airbag	Live Parameters	14 Squib circuit, belt tensioner, passenger side
Kia	Soul	Restraints	Airbag	Live Parameters	15 Driver side, side airbag squib circuit, resistance
Kia	Soul	Restraints	Airbag	Live Parameters	16 Passenger side, side airbag squib circuit, resistance
Kia	Soul	Restraints	Airbag	Live Parameters	17 Driver Curtain Airbag
Kia	Soul	Restraints	Airbag	Live Parameters	18 Passenger Curtain Airbag
Kia	Soul	Restraints	Airbag	Live Parameters	19 Anchor fitting tensioner ignition squib, driver side
Kia	Soul	Restraints	Airbag	Live Parameters	20 Anchor fitting tensioner ignition squib, passenger side
Kia	Soul	Steering	Power steering	Adaptations	1 Steering angle calibration
Kia	Soul	Steering	Power steering	ECU Information	1 Vehicle information
Kia	Soul	Steering	Power steering	ECU Information	2 System name
Kia	Soul	Steering	Power steering	ECU Information	3 ECU hardware number
Kia	Soul	Steering	Power steering	ECU Information	4 ECU software
Kia	Soul	Steering	Power steering	Live Parameters	1 Battery voltage
Kia	Soul	Steering	Power steering	Live Parameters	2 Steering wheel torque
Kia	Soul	Steering	Power steering	Live Parameters	3 Steering angle sensor
Kia	Soul	Steering	Power steering	Live Parameters	4 Steering Angle Sensor Calibrated
Kia	Soul	Steering	Power steering	Live Parameters	5 Steering wheel angle velocity
Kia	Soul	Steering	Power steering	Live Parameters	6 Motor current
Kia	Soul	Steering	Power steering	Live Parameters	7 Target motor current
Kia	Soul	Steering	Power steering	Live Parameters	8 Target engine torque
Kia	Soul	Steering	Power steering	Live Parameters	9 ECU temperature
Kia	Soul	Steering	Power steering	Live Parameters	10 Motor temperature sensor
Kia	Soul	Steering	Power steering	Live Parameters	11 Derating status
Kia	Soul	Steering	Power steering	Live Parameters	12 Vehicle speed
Kia	Soul	Steering	Power steering	Live Parameters	13 Filtered vehicle speed
Kia	Soul	Steering	Power steering	Live Parameters	14 Index sensor signal
Kia	Soul	Steering	Power steering	Live Parameters	15 Engine status
Kia	Soul	Steering	Power steering	Live Parameters	16 Calibration status
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	ECU Information	1 Identification check
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	1 Vehicle speed
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	2 Battery voltage
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	3 Reference voltage
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	4 Front left wheel speed sensor
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	5 Front right wheel speed sensor
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	6 Rear left wheel speed sensor
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	7 Rear right wheel speed sensor
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	8 Steering SNSR (ST 1)
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	9 Steering SNSR (ST 2)
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	10 Steering SNSR (ST 3)
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	11 Longitudinal acceleration sensor
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	12 ABS warning lamp
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	13 EBD warning lamp
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	14 TCS/ESP warning lamp
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	15 TCS off indicator
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	16 TCS power switch
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	17 Brake switch
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	18 Motor relay
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	19 valve relay
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	20 Motor
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	21 ABS inlet valve front left
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	22 ABS inlet valve front right
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	23 ABS inlet valve rear left
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	24 ABS inlet valve rear right
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	25 ABS outlet valve front left
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	26 ABS outlet valve front right
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	27 ABS outlet valve rear left
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	28 ABS outlet valve rear right
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	29 Front LH traction control valve
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	30 Front RH traction control valve
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	31 Shuttle valve(FL)

Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	32 Shuttle valve(FR)
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	33 Yaw rate and lateral acceleration sensor
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	34 Yaw rate value
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	35 Pressure sensor
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Live Parameters	36 Steering angle sensor
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Tests	1 Motor
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Tests	2 ABS inlet valve front left
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Tests	3 ABS inlet valve front right
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Tests	4 ABS inlet valve rear left
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Tests	5 ABS inlet valve rear right
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Tests	6 ABS outlet valve front left
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Tests	7 ABS outlet valve front right
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Tests	8 ABS outlet valve rear left
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Tests	9 ABS outlet valve rear right
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Tests	10 Front LH traction control valve
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Tests	11 Front RH traction control valve
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Tests	12 Electronic shuttle valve(FR)
Kia	Sportage II	Brake System	ABS - Anti-lock braking system	Tests	13 Electronic shuttle valve(FL)
Kia	Sportage II	Climate Control	Climate control	Live Parameters	1 Water temperature
Kia	Sportage II	Climate Control	Climate control	Live Parameters	2 Interior temperature sensor
Kia	Sportage II	Climate Control	Climate control	Live Parameters	3 Ambient temperature
Kia	Sportage II	Climate Control	Climate control	Live Parameters	4 EVAP sensor
Kia	Sportage II	Climate Control	Climate control	Live Parameters	5 Light sensor
Kia	Sportage II	Climate Control	Climate control	Live Parameters	6 Distribution flap position
Kia	Sportage II	Climate Control	Climate control	Live Parameters	7 Direct potentiometer
Kia	Sportage II	Climate Control	Climate control	Live Parameters	8 Air humidity sensor, AC
Kia	Sportage II	Climate Control	Climate control	Tests	1 AC-compressor
Kia	Sportage II	Climate Control	Climate control	Tests	2 A/C-compressor cutoff
Kia	Sportage II	Climate Control	Climate control	Tests	3 Driver air mix door-drive 0%
Kia	Sportage II	Climate Control	Climate control	Tests	4 Driver air mix door-drive 50%
Kia	Sportage II	Climate Control	Climate control	Tests	5 Driver air mix door-drive 100%
Kia	Sportage II	Climate Control	Climate control	Tests	6 Blower fan motor off command
Kia	Sportage II	Climate Control	Climate control	Tests	7 Blower fan motor-drive low
Kia	Sportage II	Climate Control	Climate control	Tests	8 Blower fan motor-drive medium
Kia	Sportage II	Climate Control	Climate control	Tests	9 Blower fan motor-drive high
Kia	Sportage II	Climate Control	Climate control	Tests	10 Driver mode door-vent
Kia	Sportage II	Climate Control	Climate control	Tests	11 Driver mode door-floor
Kia	Sportage II	Climate Control	Climate control	Tests	12 Driver mode door-def
Kia	Sportage II	Climate Control	Climate control	Tests	13 Intake door-Fresh
Kia	Sportage II	Climate Control	Climate control	Tests	14 Intake door-Recirc
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	ECU Information	1 Hardware number
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	ECU Information	2 ECU software
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	1 Fuel temperature
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	2 Engine speed
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	3 Accelerator position sensor circuit
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	4 Main injection duration
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	5 Pre injection duration
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	6 Fuel quantity
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	7 Target fuel pressure
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	8 Fuel pressure
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	9 Fuel pressure regulator
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	10 MAF (Mass Air Flow)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	11 EGR valve
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	12 Throttle
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	13 ECM(Barometric pressure sensor)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	14 IAT - Intake air temperature
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	15 Coolant temperature sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	16 Battery voltage
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	17 Vehicle speed
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	18 Brake switch 1
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	19 Brake switch 2

Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	20 Air conditioning medium pressure
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	21 A/C pressure switch
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	22 Blower switch
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	23 Ignition switch status
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	24 AC button
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	25 Clutch Switch Circuit
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	26 1st gear switch
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	27 Engine status
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	28 Accelerator pedal position 1
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	29 Accelerator pedal position 2
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	30 Booster volt operate injector
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	31 Check engine lamp
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	32 Glowplug relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	33 Water heater relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	34 Fuel pump relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	35 Fan Speed Low
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	36 Fan Speed High
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	37 AC-relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Live Parameters	38 MAF (Mass Air Flow)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Tests	1 A/C compressor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Tests	2 Fan Speed Low
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Tests	3 Fan Speed High
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Tests	4 Fuel pump
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Tests	5 Malfunction indicator lamp (MIL)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Tests	6 Glow time lamp
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Tests	7 Glow plug relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Tests	8 Water heater relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Tests	9 EGR valve
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-3	Tests	10 Fuel pressure regulator
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	ECU Information	1 Calibration number
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	ECU Information	2 Hardware number
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	ECU Information	3 ROM (Read only memory)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	1 Battery voltage
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	2 Fuel quantity
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	3 Accelerator pedal position sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	4 Fuel pressure measured
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	5 Rail pressure regulator
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	6 EGR valve
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	7 Atmospheric pressure sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	8 Air inlet temperature sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	9 Coolant temperature sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	10 Clutch pedal switch
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	11 Neutral or first gear
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	12 Redundant brake pedal
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	13 Control of AC compressor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	14 Brake pedal switch
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	15 Blower switch
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	16 Ignition lock
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	17 Accelerator pedal position 1
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	18 Accelerator pedal position 2
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	19 CHECK-ENGINE-lamp
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	20 Glowplug relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	21 Vehicle speed information
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	22 MAF (Mass Air Flow)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	23 Fan Speed Low
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	24 Fan Speed High
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	25 Fuel pump relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	26 Boost pressure sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	27 Variable geometry turbocharger (VGT) actuator
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	28 Fuel temperature
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	29 Electric auxiliary heater

Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	30 Immobilizer lamp
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	31 Target fuel pressure
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	32 Injection pump regulator
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	33 A/C pressure sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	34 Throttle actuator
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	35 O2s subtract voltage
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	36 Lambda sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	37 Lambda sensor temperature monitoring
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	38 O2 sensor heater duty
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	39 O2s state of adaption
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	40 Particle filter pressure
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	41 Exhaust gas flow
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	42 Particle filter differential pressure
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	43 Exhaust gas temp pre variable geometry turbocharger (VGT)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	44 Exhaust gas temp pre catalytic particle filter(CPF)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	45 Regeneration active
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	46 Status of signal app/brk
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	47 Theoretical engine charge
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	48 Boost pressure sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	49 Mass air flow per cylinder
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	50 Immobilisation/Alarm system
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	51 Shift position
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	52 AT/MT (Gearbox) information
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	53 Engine torque multiplexed, Actual torque
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	54 Engine torque multiplexed, Expected torque
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	55 AC compressor relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	56 Fuel temp sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	57 Glow time lamp
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	58 Air inlet temperature sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	59 Engine speed
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Live Parameters	60 V/swirl actuator (U/D/S)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	1 AC compressor relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	2 Check engine lamp
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	3 Relay, preheater
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	4 Fuel pump relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	5 Fan Speed High
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	6 Fan Speed Low
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	7 Cruise control lamp
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	8 Cruise control set lamp
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	9 Glow plug lamp
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	10 Glowplug relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	11 Immobilizer lamp
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	12 VGT valve
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	13 EGR valve
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	14 Variable swirl control actuator
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	15 Rail pressure regulator
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	16 Lambda sensor heater
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	17 Throttle control valve
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (CAN)	Tests	18 Pressure regulation valve (MPROP)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	ECU Information	1 Calibration number
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	ECU Information	2 Hardware number
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	ECU Information	3 ROM (Read only memory)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	1 Battery voltage
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	2 Fuel quantity
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	3 Accelerator pedal position sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	4 Fuel pressure measured
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	5 Rail pressure regulator
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	6 EGR valve
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	7 Atmospheric pressure sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	8 Air inlet temperature sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	9 Coolant temperature sensor

Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	10 Clutch pedal switch
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	11 Neutral or first gear
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	12 Redundant brake pedal
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	13 Control of AC compressor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	14 Brake pedal switch
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	15 Blower switch
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	16 Ignition lock
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	17 Accelerator pedal position 1
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	18 Accelerator pedal position 2
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	19 CHECK-ENGINE-lamp
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	20 Glowplug relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	21 Vehicle speed information
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	22 MAF (Mass Air Flow)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	23 Fan Speed Low
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	24 Fan Speed High
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	25 Fuel pump relay
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	26 Boost pressure sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	27 Variable geometry turbocharger (VGT) actuator
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	28 Fuel temperature
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	29 Electric auxiliary heater
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	30 Immobilizer lamp
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	31 Target fuel pressure
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	32 Injection pump regulator
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	33 A/C pressure sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	34 Throttle actuator
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	35 O2s subtract voltage
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	36 Lambda sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	37 Lambda sensor temperature monitoring
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	38 O2 sensor heater duty
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	39 O2s state of adaption
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	40 Particle filter pressure
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	41 Exhaust gas flow
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	42 Particle filter differential pressure
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	43 Exhaust gas temp pre variable geometry turbocharger (VGT)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	44 Exhaust gas temp pre catalytic particle filter(CPF)
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	45 Regeneration active
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	46 Status of signal app/brk
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	47 Theoretical engine charge
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	48 Boost pressure sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	49 Mass air flow per cylinder
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	50 Immobilisation/Alarm system
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	51 Shift position
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	52 AT/MT (Gearbox) information
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	53 Engine torque multiplexed, Actual torque
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	54 Engine torque multiplexed, Expected torque
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	55 Fuel temp sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	56 Glow time lamp
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	57 Air inlet temperature sensor
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	58 Engine speed
Kia	Sportage II	Engine Diesel	D4EA 2,0 Euro-4 (KWP)	Live Parameters	59 V/swirl actuator (U/D/S)
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Adaptations	1 Erase adaptive engine parameters
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	ECU Information	1 ROM (Read only memory)
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	1 Battery voltage
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	2 Coolant temperature sensor
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	3 Coolant temperature sensor
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	4 Oil temperature sensor
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	5 Oil temperature sensor
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	6 Air inlet temperature sensor
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	7 Air inlet temperature sensor
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	8 Throttle position sensor
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	9 Throttle valve angle

Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	10 Throttle position, continuous adaption
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	11 Engine start signal
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	12 Idle status
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	13 Part load
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	14 MAF (Mass Air Flow)
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	15 Vehicle speed
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	16 Engine speed
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	17 Target idle speed
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	18 Gearbox selector position (automatic gearbox)
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	19 AC switch
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	20 A/C pressure switch
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	21 AC compressor relay
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	22 Lambda probe 1, bank 1
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	23 Lambda probe 2, bank 1
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	24 Injection time bank 1
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	25 Fuel system B1
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	26 Long term fuel trim at idle
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	27 Long term fuel part load
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	28 HO2S Heater Control Circuit (Bank 1, Sensor 1)
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	29 HO2S Heater Control Circuit (Bank 1, Sensor 2)
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	30 Adaptation, idle speed actuator
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	31 Evap-valve
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	32 Camshaft position sensor
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	33 Camshaft setting, reference value
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	34 Continuous variable valve timing (CVVT) status
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	35 Continuous variable valve timing (CVVT) actuation status
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	36 Continuous variable valve timing (CVVT) valve duty
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Live Parameters	37 Continuous variable valve timing (CVVT) valve duty control status
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	1 Injector cylinder 1
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	2 Injector cylinder 2
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	3 Injector cylinder 3
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	4 Injector cylinder 4
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	5 Malfunction indicator lamp (MIL)
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	6 Fuel pump
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	7 AC compressor relay
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	8 Cooling fan high speed
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	9 Cooling fan low speed
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	10 Main relay
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	11 Evap-valve
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	12 Idle speed control valve
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	13 Variable valve timing
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	14 Ignition coil 1 & 4
Kia	Sportage II	Engine Petrol	G4GC 2,0 CVVT	Tests	15 Ignition coil 2 & 3
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Adaptations	1 Erase adaptive engine parameters
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	ECU Information	1 ROM (Read only memory)
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	1 Battery voltage
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	2 Coolant temperature sensor
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	3 Coolant temperature sensor
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	4 Air inlet temperature sensor
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	5 Air inlet temperature sensor
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	6 Throttle position sensor
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	7 Throttle position sensor
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	8 Throttle position, continuous adaption
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	9 MAF (Mass Air Flow)
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	10 MAF (Mass Air Flow)
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	11 Vehicle speed
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	12 Engine speed
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	13 Target idle speed
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	14 The number of tone wheels detected by crankshaft while the camshaft sensor is high
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	15 The number of tone wheels detected by crankshaft while the camshaft sensor is low
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	16 Gear selector

Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	17 AC switch
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	18 AC compressor
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	19 AC relay
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	20 Lambda probe 1, bank 1
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	21 Lambda probe 1, bank 2
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	22 Lambda probe 2, bank 1
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	23 Lambda probe 2, bank 2
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	24 Ignition angle cylinder 1
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	25 Ignition angle cylinder 2
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	26 Ignition angle cylinder 3
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	27 Ignition angle cylinder 4
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	28 Ignition angle cylinder 5
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	29 Ignition angle cylinder 6
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	30 Injector 1
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	31 Injector 2
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	32 Injector 3
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	33 Injector 4
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	34 Injector 5
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	35 Injector 6
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	36 Injection time bank 1
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	37 Injection time bank 2
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	38 Fuel system B1
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	39 Fuel system B2
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	40 Short term fuel trim bank 1:
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	41 Short term fuel trim bank 2:
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	42 Long term fuel trim bank 1:
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	43 Long term fuel trim bank 2:
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	44 Long term fuel trim bank 1:
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	45 Long term fuel trim bank 2:
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	46 HO2S Heater Control Circuit (Bank 1, Sensor 1)
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	47 HO2S Heater Control Circuit (Bank 2, Sensor 1)
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	48 HO2S Heater Control Circuit (Bank 1, Sensor 2)
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	49 HO2S Heater Control Circuit (Bank 2, Sensor 2)
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	50 Idle speed control valve
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	51 Idle speed adaptation value
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	52 Adaptive idle regulation, manual gearbox
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	53 Adaptive idle regulation, automatic gearbox
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	54 Idle actuator adaptation, drive, A/C
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	55 Evap-valve
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	56 EVAP system control
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	57 Cranking
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	58 Idle switch
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	59 Gearbox selector position (automatic gearbox)
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Live Parameters	60 Long term adapt bank 1 sensor 2
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	1 Injector cylinder 1
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	2 Injector cylinder 2
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	3 Injector cylinder 3
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	4 Injector cylinder 4
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	5 Cylinder 5 injector
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	6 Cylinder 6 injector
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	7 Malfunction indicator lamp (MIL)
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	8 Fuel pump
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	9 AC compressor relay
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	10 Cooling fan high speed
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	11 Cooling fan low speed
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	12 Evap-valve
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	13 Idle speed control valve
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	14 Ignition coil 1 & 4
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	15 Ignition coil 2 & 5
Kia	Sportage II	Engine Petrol	G6BA 2,7 V6 Diagnose	Tests	16 Ignition coil 3 & 6
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		ECU Information	1 Serial number

Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	1 Engine speed
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	2 Vehicle speed
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	3 Throttle position sensor
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	4 Gearbox input speed sensor
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	5 Output speed
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	6 TCC Solenoid
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	7 Transmission Slip
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	8 Low reverse solenoid duty
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	9 Underdrive solenoid duty
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	10 Second solenoid duty
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	11 Overdrive solenoid duty
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	12 Oil temperature
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	13 Gear lever position
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	14 AC switch
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	15 Stop light switch
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	16 Sport program
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	17 Upshift Switch Circuit
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	18 Downshift Switch Circuit
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	19 A/T converter relay voltage
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	20 Engine torque
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	21 Hivec mode
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Live Parameters	22 Cruise control switch
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Tests	1 Low reverse solenoid valve
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Tests	2 Underdrive solenoid valve
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Tests	3 Second solenoid valve
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Tests	4 Overdrive solenoid valve
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Tests	5 Damper clutch control solenoid valve
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Tests	6 Intelligent shift prohibited
Kia	Sportage II	Gearbox / Automatic Trar Gearbox		Tests	7 AT control relay
Kia	Sportage II	Immobiliser	Immobiliser - Diesel	Live Parameters	1 Number of enabled keys
Kia	Sportage II	Immobiliser	Immobiliser - Diesel	Live Parameters	2 ECU status immobilizer
Kia	Sportage II	Immobiliser	Immobiliser - Diesel	Live Parameters	3 Key status
Kia	Sportage II	Immobiliser	Immobiliser - Gasoline - 2,0	Live Parameters	1 Number of enabled keys
Kia	Sportage II	Immobiliser	Immobiliser - Gasoline - 2,0	Live Parameters	2 ECU status immobilizer
Kia	Sportage II	Immobiliser	Immobiliser - Gasoline - 2,0	Live Parameters	3 Key status
Kia	Sportage II	Immobiliser	Immobiliser - Gasoline 2,7 V6	Live Parameters	1 Number of enabled keys
Kia	Sportage II	Immobiliser	Immobiliser - Gasoline 2,7 V6	Live Parameters	2 ECU status immobilizer
Kia	Sportage II	Immobiliser	Immobiliser - Gasoline 2,7 V6	Live Parameters	3 Control Unit Immobilizer
Kia	Sportage II	Immobiliser	Immobiliser - Gasoline 2,7 V6	Live Parameters	4 Key status
Kia	Sportage II	Other	Four wheel drive	ECU Information	1 Hardware number
Kia	Sportage II	Other	Four wheel drive	ECU Information	2 Software index
Kia	Sportage II	Other	Four wheel drive	ECU Information	1 Hardware number
Kia	Sportage II	Other	Four wheel drive	ECU Information	2 Software index
Kia	Sportage II	Restraints	Airbag	ECU Information	1 Vehicle ID
Kia	Sportage II	Restraints	Airbag	ECU Information	2 Control unit ID
Kia	Sportage II	Restraints	Airbag	ECU Information	3 System name
Kia	Sportage II	Restraints	Airbag	ECU Information	4 date
Kia	Sportage II	Restraints	Airbag	ECU Information	5 Software version
Kia	Sportage II	Restraints	Airbag	ECU Information	6 Calibration version
Kia	Sportage II	Restraints	Airbag	ECU Information	7 Hardware version
Kia	Sportage II	Restraints	Airbag	ECU Information	1 Airbag system information
Kia	Sportage III	Body Control Module	Body control module	ECU Information	1 Control unit ID
Kia	Sportage III	Body Control Module	Body control module	ECU Information	2 Manufacturing date
Kia	Sportage III	Body Control Module	Body control module	ECU Information	3 Software version
Kia	Sportage III	Body Control Module	Body control module	ECU Information	4 Hardware version
Kia	Sportage III	Body Control Module	Body control module	ECU Information	5 (CAN bus)
Kia	Sportage III	Body Control Module	Body control module	Live Parameters	1 Key-in switch
Kia	Sportage III	Body Control Module	Body control module	Live Parameters	2 ACC
Kia	Sportage III	Body Control Module	Body control module	Live Parameters	3 Ignition 1
Kia	Sportage III	Body Control Module	Body control module	Live Parameters	4 Ignition 2
Kia	Sportage III	Body Control Module	Body control module	Live Parameters	5 Taillight switch

Kia	Sportage III Body Control Module	Body control module	Live Parameters	6 Headlamp switch
Kia	Sportage III Body Control Module	Body control module	Live Parameters	7 Automatic lighting button
Kia	Sportage III Body Control Module	Body control module	Live Parameters	8 Headlamp switch
Kia	Sportage III Body Control Module	Body control module	Live Parameters	9 Turn lamp switch, left
Kia	Sportage III Body Control Module	Body control module	Live Parameters	10 Turn lamp switch, right
Kia	Sportage III Body Control Module	Body control module	Live Parameters	11 Front fogs switch
Kia	Sportage III Body Control Module	Body control module	Live Parameters	12 Button rear fog lights
Kia	Sportage III Body Control Module	Body control module	Live Parameters	13 Hazard Light Switch
Kia	Sportage III Body Control Module	Body control module	Live Parameters	14 Defogger / deicer switch
Kia	Sportage III Body Control Module	Body control module	Live Parameters	15 Front Washer Switch
Kia	Sportage III Body Control Module	Body control module	Live Parameters	16 Windscreen wiper interval
Kia	Sportage III Body Control Module	Body control module	Live Parameters	17 Single wipe
Kia	Sportage III Body Control Module	Body control module	Live Parameters	18 Key inter lock switch (manual key type)
Kia	Sportage III Body Control Module	Body control module	Live Parameters	19 Rear washer switch
Kia	Sportage III Body Control Module	Body control module	Live Parameters	20 Rear wiper, interval
Kia	Sportage III Body Control Module	Body control module	Live Parameters	21 Rear wiper: on
Kia	Sportage III Body Control Module	Body control module	Live Parameters	22 RPAS off switch
Kia	Sportage III Body Control Module	Body control module	Live Parameters	23 Left Turn Signal Lights Command
Kia	Sportage III Body Control Module	Body control module	Live Parameters	24 Right Turn Signal Lights Command
Kia	Sportage III Body Control Module	Body control module	Live Parameters	25 Interior lamps output
Kia	Sportage III Body Control Module	Body control module	Live Parameters	26 Ignition key hole illumination(Manual key type)
Kia	Sportage III Body Control Module	Body control module	Live Parameters	27 Automatic light system
Kia	Sportage III Body Control Module	Body control module	Live Parameters	28 Tail AV
Kia	Sportage III Body Control Module	Body control module	Live Parameters	29 Key inter lock switch (manual key type)
Kia	Sportage III Body Control Module	Body control module	Live Parameters	30 Passenger seatbelt indicator
Kia	Sportage III Body Control Module	Body control module	Live Parameters	31 Navi wakeup signal output
Kia	Sportage III Body Control Module	Body control module	Live Parameters	32 Front wiper slow
Kia	Sportage III Body Control Module	Body control module	Live Parameters	33 Head lamp low signal output
Kia	Sportage III Body Control Module	Body control module	Live Parameters	34 RPAS off indicator
Kia	Sportage III Body Control Module	Body control module	Live Parameters	35 RPAS warning signal
Kia	Sportage III Body Control Module	Body control module	Live Parameters	36 CCU internal buzzer
Kia	Sportage III Body Control Module	Body control module	Live Parameters	37 Relay, rear fog lamp
Kia	Sportage III Body Control Module	Body control module	Live Parameters	38 Crash signal
Kia	Sportage III Body Control Module	Body control module	Live Parameters	39 Headlamp washer
Kia	Sportage III Body Control Module	Body control module	Live Parameters	40 Battery voltage monitoring input
Kia	Sportage III Body Control Module	Body control module	Live Parameters	41 Interval wiping
Kia	Sportage III Body Control Module	Body control module	Live Parameters	42 Light sensor
Kia	Sportage III Body Control Module	Body control module	Live Parameters	43 Left Rear Seat Belt Indicator
Kia	Sportage III Body Control Module	Body control module	Live Parameters	44 Rear Middle Seat Belt Indicator
Kia	Sportage III Body Control Module	Body control module	Live Parameters	45 Right Rear Seat Belt Indicator
Kia	Sportage III Body Control Module	Body control module	Live Parameters	46 Left Cornering Lamp Relay Control Circuit
Kia	Sportage III Body Control Module	Body control module	Live Parameters	47 Right Cornering Lamp Relay Control Circuit
Kia	Sportage III Body Control Module	Body control module	Live Parameters	48 Key status
Kia	Sportage III Body Control Module	Body control module	Live Parameters	49 Number of registered immobilizer key
Kia	Sportage III Body Control Module	Body control module	Live Parameters	50 Automatic Locking when Driving
Kia	Sportage III Body Control Module	Body control module	Live Parameters	51 Auto unlock
Kia	Sportage III Body Control Module	Body control module	Live Parameters	52 Driver Door Disarm Key Cylinder Switch
Kia	Sportage III Body Control Module	Body control module	Live Parameters	53 LED automatic headlight control
Kia	Sportage III Body Control Module	Body control module	Tests	1 Wiper relay on/off
Kia	Sportage III Body Control Module	Body control module	Tests	2 Headlamp washer relay
Kia	Sportage III Body Control Module	Body control module	Tests	3 Left direction indicator output
Kia	Sportage III Body Control Module	Body control module	Tests	4 Right direction indicator output
Kia	Sportage III Body Control Module	Body control module	Tests	5 Relay, rear fog lamp
Kia	Sportage III Body Control Module	Body control module	Tests	6 Interior light illumination
Kia	Sportage III Body Control Module	Body control module	Tests	7 Ignition key hole illumination(Manual key type)
Kia	Sportage III Body Control Module	Body control module	Tests	8 Passenger seatbelt indicator
Kia	Sportage III Body Control Module	Body control module	Tests	9 Tail AV
Kia	Sportage III Body Control Module	Body control module	Tests	10 Key lock solenoid
Kia	Sportage III Body Control Module	Body control module	Tests	11 RPAS/R buzzer output(option)
Kia	Sportage III Body Control Module	Body control module	Tests	12 RPAS off switch indicator
Kia	Sportage III Body Control Module	Body control module	Tests	13 Rear left seat heater

Kia	Sportage III Body Control Module	Body control module	Tests	14 Buzzer
Kia	Sportage III Body Control Module	Body control module	Tests	15 Navi wakeup signal output
Kia	Sportage III Body Control Module	Body control module	Tests	16 Pinch protection
Kia	Sportage III Body Control Module	Body control module	Tests	17 Left Cornering Lamp Relay Control Circuit
Kia	Sportage III Body Control Module	Body control module	Tests	18 Right Cornering Lamp Relay Control Circuit
Kia	Sportage III Body Control Module	Body control module	Tests	19 Horn relay
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Adaptations	1 Gyrometer/accelerometer sensor calibration
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Adaptations	2 Calibration of steering angle sensor
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	ECU Information	1 Vehicle type
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	ECU Information	2 ECU software version
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	ECU Information	3 Software version
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	1 Engine speed
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	2 Vehicle speed
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	3 Throttle position
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	4 Shift lever position
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	5 Battery positive voltage
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	6 Front left wheel speed sensor
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	7 Front right wheel speed sensor
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	8 Rear left wheel speed sensor
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	9 Rear right wheel speed sensor
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	10 G Sensor (longitudinal)
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	11 ESP OFF lamp
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	12 ESP control ON/OFF button
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	13 Brake light switch
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	14 Brake switch
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	15 Hazard Switch Status
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	16 Motor relay
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	17 valve relay
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	18 Hill assist brake lamp
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	19 ESS brake lamp [ESS only]
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	20 Motor
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	21 Inlet valve front left
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	22 Inlet valve front right
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	23 Inlet valve rear left
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	24 Inlet valve rear right
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	25 Outlet valve front left
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	26 Outlet valve front right
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	27 Outlet valve rear left
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	28 Outlet valve rear right
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	29 TCS, ESV valves - TCL valve(ESP only)
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	30 TCS, ESV valves - TCR valve(ESP only)
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	31 TCS, ESV valves- ESV-L valve(ESP only)
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	32 TCS, ESV valves - ESV-R valve(ESP only)
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	33 ESP steering angle sensor signal
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	34 G Sensor (lateral)
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	35 Yaw rate sensor
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	36 Pressure sensor - positive(ESP only)
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	37 Pressure sensor - Negative(ESP only)
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	38 Downhill Assist Control Operation
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Live Parameters	39 Downhill switch indicator
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	1 Motor
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	2 Inlet valve front left
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	3 Inlet valve front right
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	4 Inlet valve rear left
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	5 Inlet valve rear right
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	6 Outlet valve front left
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	7 Outlet valve front right
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	8 Outlet valve rear left
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	9 Outlet valve rear right
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	10 TCS Valve Left front
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	11 TCS Valve Right front

Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	12 Electric shuttle Valve Right front
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	13 Electric shuttle Valve Left front
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	14 DBC/HAC brake lamp relay(DBC/HAC Only)
Kia	Sportage III Brake System	ABS/ESP - electronic stability program	Tests	15 ESS Brake lamp relay(ESS Only)
Kia	Sportage III Climate Control	Climate control	ECU Information	1 Vehicle information
Kia	Sportage III Climate Control	Climate control	ECU Information	2 Control unit ID
Kia	Sportage III Climate Control	Climate control	ECU Information	3 System name
Kia	Sportage III Climate Control	Climate control	ECU Information	4 Software version
Kia	Sportage III Climate Control	Climate control	Live Parameters	1 Interior temperature sensor 1
Kia	Sportage III Climate Control	Climate control	Live Parameters	2 Ambient temperature
Kia	Sportage III Climate Control	Climate control	Live Parameters	3 Sensor, evaporator
Kia	Sportage III Climate Control	Climate control	Live Parameters	4 Sun sensor, driver side
Kia	Sportage III Climate Control	Climate control	Live Parameters	5 Passanger photo sensor
Kia	Sportage III Climate Control	Climate control	Live Parameters	6 Engine coolant temperature sensor
Kia	Sportage III Climate Control	Climate control	Live Parameters	7 Air mix door potentiometer-driver
Kia	Sportage III Climate Control	Climate control	Live Parameters	8 Direction potentiometer-Driver
Kia	Sportage III Climate Control	Climate control	Live Parameters	9 Air mix door potentiometer - passanger
Kia	Sportage III Climate Control	Climate control	Live Parameters	10 Air intake potentiometer
Kia	Sportage III Climate Control	Climate control	Live Parameters	11 Vehicle speed
Kia	Sportage III Climate Control	Climate control	Tests	1 Air conditioning compressor
Kia	Sportage III Climate Control	Climate control	Tests	2 AC compressor clutch off
Kia	Sportage III Climate Control	Climate control	Tests	3 Blower fan motor off command
Kia	Sportage III Climate Control	Climate control	Tests	4 Blower fan motor-drive low
Kia	Sportage III Climate Control	Climate control	Tests	5 Blower fan motor-drive medium
Kia	Sportage III Climate Control	Climate control	Tests	6 Blower fan motor-drive high
Kia	Sportage III Climate Control	Climate control	Tests	7 Driver air mix door-drive 0%
Kia	Sportage III Climate Control	Climate control	Tests	8 Driver air mix door-drive 50%
Kia	Sportage III Climate Control	Climate control	Tests	9 Driver air mix door-drive 100%
Kia	Sportage III Climate Control	Climate control	Tests	10 Passenger air mix door-drive 0%
Kia	Sportage III Climate Control	Climate control	Tests	11 Passenger air mix door-drive 50%
Kia	Sportage III Climate Control	Climate control	Tests	12 Passenger air mix door-drive 100%
Kia	Sportage III Climate Control	Climate control	Tests	13 Driver mode door-vent
Kia	Sportage III Climate Control	Climate control	Tests	14 Driver mode door-floor
Kia	Sportage III Climate Control	Climate control	Tests	15 Driver mode door-def
Kia	Sportage III Climate Control	Climate control	Tests	16 Fresh air
Kia	Sportage III Climate Control	Climate control	Tests	17 air circulation
Kia	Sportage III Climate Control	Climate control	Tests	18 PTC heater drive request: On
Kia	Sportage III Climate Control	Climate control	Tests	19 External control valve 0%
Kia	Sportage III Climate Control	Climate control	Tests	20 External control valve 85%
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Adaptations	1 Lambda sensor change
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Adaptations	2 Rail pressure sensor change
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Adaptations	3 Catalytic particle filter (CPF) change
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Adaptations	4 Differential pressure sensor (Particle filter) change
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Adaptations	5 Swirl control valve change
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Adaptations	6 Throttle valve, adaption
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Adaptations	7 Mass air flow sensor replacement
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Adaptations	8 Accelerator pedal calibration
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Adaptations	9 Injector programming
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	ECU Information	1 ECU hardware number
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	ECU Information	2 ECU software number
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	1 MIL status
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	2 Battery voltage
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	3 Cooling fan low speed
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	4 Boost pressure sensor
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	5 Air mass flow
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	6 Accelerator pedal position sensor
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	7 fuel pressure
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	8 Air mass meter
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	9 EGR actuator
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	10 Barometric pressure sensor
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	11 IAT - Intake air temperature

Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	12 Water temperature
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	13 Clutch pedal switch
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	14 Control of AC compressor
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	15 Gearbox neutral status
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	16 Brake switch 2
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	17 Brake switch 1
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	18 A/C low pressure cycling switch
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	19 Blower switch
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	20 Ignition lock
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	21 Accelerator Pedal Position sensor 1
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	22 Accelerator Pedal Position Sensor 2
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	23 Glow plug relay
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	24 Fuel quantity
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	25 Vehicle speed
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	26 Cooling fan high speed
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	27 VGT valve actuator
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	28 Fuel temperature sensor
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	29 Engine status
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	30 PTC heater relay
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	31 Immobilizer status lamp
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	32 Engine speed
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	33 Output of fuel metering unit (mprop)
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	34 Air conditioner pressure signal
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	35 A/C pressure sensor
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	36 Variable swirl control actuator
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	37 Exhaust temperature Sensor 2
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	38 Differential pressure sensor
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	39 Throttle actuator
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	40 Lambda sensor
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	41 Adaption current state
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	42 Oil level
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	43 Engine oil level (Filtering value)
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	44 Oil temperature sensor
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	45 Mean value oil level
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	46 Oil Level Status
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	47 Exhaust gas temp pre variable geometry turbocharger (VGT)
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	48 Exhaust gas temp pre catalytic particle filter(CPF)
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	49 Load state particle filter
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	50 Calculated engine load
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	51 Boost pressure sensor
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	52 Air inlet temperature sensor
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	53 Air mass flow
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	54 Rail pressure linearised
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	55 Mass air flow per cylinder
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	56 Current injection quantity
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	57 Exhaust Gas Recirculation controller
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	58 Variable Swirl Actuator Duty Cycle
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	59 Status 'Check engine lamp'
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	60 Malfunction indicator lamp (MIL)
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	61 Actual engine temperature
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	62 Vehicle acceleration
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	63 Current injection quantity
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	64 AT/MT (Gearbox) information
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	65 Cruise control status
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	66 TCS
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	67 MSR
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	68 Status ABS
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	69 Torque reduction request
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	70 Torque reduction request
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	71 Average engine speed
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	72 Ratio of throttle valve

Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	73 Glow control relay status
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	74 Intake air temperature (raw value)
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	75 Desired injection quantity of MI1
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	76 Desired injection quantity of Pil1
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	77 Desired injection quantity of Pil2
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	78 Desired injection quantity of Pil3
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	79 Desired injection quantity of Pol1
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	80 Desired injection quantity of Pol2
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	81 Current injection quantity
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	82 Rail pressure (raw value)
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	83 Distance driven with MIL on (km)
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	84 Main relay error counter
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	85 Running time with Malfunction Indicator Lamp (MIL) ON
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	86 VSA position
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	87 Variable Swirl Actuator Duty Cycle
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	88 VSA Valve first learnt value
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	89 VSA valve last learnt value
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	90 DPF (Diesel Particulate Filter) Differential Pressure
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	91 ISG system built-in
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	92 ISG status(ISG)
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	93 AMS stop reason - blower max switch
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	94 Gear is in neutral position(manual transmission only)
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	95 Starter condition
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	96 Starter Request Circuit
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	97 Clutch is pushed more than 10%
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	98 Idle stop request by drivers demand
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	99 Drivers seatbelt
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	100 Driver's door
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	101 Hood switch
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	102 Battery current value
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	103 Battery voltage
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	104 Battery temperature
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	105 State of Charge
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	106 Battery status
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	107 Battery current value
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	108 Brake booster pressure sensor
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	109 Brake booster pressure sensor volt
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	110 No idle stop by fuel system
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	111 No idle stop by torque system
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	112 No idle stop by exhaust system
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	113 No idle stop by vehicle speed condition
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	114 No idle stop by ISG component error
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	115 No idle stop by operation data
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	116 No idle stop by air conditioning system
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	117 No idle stop by invalid battery sensor data
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	118 No idle stop by engine temperature
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	119 No idle stop by safety driver door seat belt hood switch
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	120 No idle stop by regeneration
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	121 No idle stop by time since the engine start to low
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	122 No idle stop by ISG inhibit switch
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Live Parameters	123 No idle stop by high engine speed
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	1 A/C compressor relay status
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	2 Malfunction indicator lamp (MIL)
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	3 PTC heater relay
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	4 Cooling fan high speed
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	5 Cruise control lamp
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	6 Cruise control set lamp
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	7 Glow lamp control
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	8 Glowplug relay
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	9 Immobilizer lamp
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	10 Boost pressure actuator 5%

Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	11 Boost pressure actuator 95%
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	12 EGR valve 5%
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	13 EGR valve 95%
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	14 Throttle valve actuator 5%
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	15 Throttle valve actuator 95%
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	16 Variable swirl control actuator 5%
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	17 Variable swirl control actuator 95%
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	18 Cooling fan low speed
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	19 ISG inhibit lamp
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	20 ISG test
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	21 Throttle unit 5%
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	22 Throttle unit 95%
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	23 EGR cooling by pass 5%
Kia	Sportage III Engine Diesel	D4FD 1,7 CRDI	Tests	24 EGR cooling by pass 95%
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Adaptations	1 Lambda sensor change
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Adaptations	2 Rail pressure sensor change
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Adaptations	3 Air flow change
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Adaptations	4 Catalytic particle filter (CPF) change
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Adaptations	5 Reset pressure sensor diesel particel filter
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Adaptations	6 Swirl control valve change
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Adaptations	7 Injector programming
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Adaptations	8 Particle filter regeneration
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	ECU Information	1 ECU hardware number
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	ECU Information	2 ECU software number
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	1 MIL status
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	2 Battery voltage
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	3 Cooling fan low speed
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	4 Fuel pump relay
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	5 Boost pressure sensor
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	6 Air mass flow
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	7 Accelerator pedal position sensor
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	8 Rail pressure control valve
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	9 EGR actuator
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	10 Barometric pressure sensor
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	11 IAT - Intake air temperature
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	12 Water temperature
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	13 Clutch pedal switch
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	14 Control of AC compressor
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	15 Brake switch 2
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	16 Brake switch 1
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	17 A/C low pressure cycling switch
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	18 Blower switch
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	19 Ignition lock
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	20 Accelerator Pedal Position sensor 1
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	21 Accelerator Pedal Position Sensor 2
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	22 Glow plug relay
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	23 Fuel quantity
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	24 Vehicle speed
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	25 Cooling fan high speed
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	26 VGT valve actuator
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	27 Fuel temperature sensor
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	28 Engine status
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	29 PTC heater relay
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	30 Immobilizer status lamp
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	31 Fuel pressure setpoint (rail pressure)
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	32 Engine speed
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	33 Output of fuel metering unit (mprop)
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	34 Air conditioner pressure signal
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	35 A/C pressure sensor
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	36 Variable swirl control actuator
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	37 Throttle actuator

Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	38 O2s subtract voltage
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	39 Lambda sensor
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	40 Lambda sensor temperature signal
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	41 Oxygen sensor heater
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	42 Adaption current state
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	43 Oil level
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	44 Engine oil level (Filtering value)
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	45 Oil temperature sensor
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	46 Mean value oil level
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	47 Oil Level Status
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	48 Exhaust gas temperature (pre DPF) range
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	49 Load state particle filter
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	50 Calculated engine load
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	51 Boost pressure sensor
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	52 Air inlet temperature sensor
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	53 Mass air flow per cylinder
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	54 Current injection quantity
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	55 Exhaust Gas Recirculation controller
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	56 Glow control unit, diagnostic feedback
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	57 Malfunction indicator lamp (MIL)
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	58 Vehicle acceleration
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	59 Current injection quantity
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	60 Maximum rail pressure of last 10 ms
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	61 Desired injection quantity of MI1
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	62 Desired injection quantity of Pil1
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	63 Desired injection quantity of Pil2
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	64 Desired injection quantity of Pol1
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	65 Desired injection quantity of Pol2
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	66 Distance driven with MIL on (km)
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	67 Main relay error counter
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	68 Running time with Malfunction Indicator Lamp (MIL) ON
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	69 VSA position
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	70 Variable Swirl Actuator Duty Cycle
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	71 VSA Valve first learnt value
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	72 VSA valve last learnt value
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	73 DPF (Diesel Particulate Filter) Differential Pressure
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	74 AMS stop reason - blower max switch
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	75 Gear is in neutral position(manual transmission only)
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	76 Battery current value
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	77 Battery voltage
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	78 Battery temperature
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	79 Battery charge
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	80 Battery status
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	81 Battery current value
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	82 Desired alternator voltage duty cycle(AMS)
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	83 Duty cycle from alternator PWM signal(AMS)
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	84 Battery charge warning light
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	85 Flag status of battery health(aging) (AMS)
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	86 Battery: startability limit reached
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	87 Power management, quiescent current fault
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	88 Invalid condition of battery sensor
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	89 Battery sensor fault
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	90 AMS stop reason - head lamp
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Live Parameters	91 AMS stop reason - wiper(AMS)
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	1 A/C compressor relay status
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	2 Malfunction indicator lamp (MIL)
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	3 PTC heater relay
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	4 Cooling fan high speed
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	5 Cruise control lamp
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	6 Cruise control set lamp
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	7 Glow lamp control

Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	8 Glow control relay 15%
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	9 Immobilizer lamp
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	10 Boost pressure actuator 5%
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	11 Boost pressure actuator 95%
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	12 EGR valve
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	13 Throttle position
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	14 Variable swirl control actuator 5%
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	15 Variable swirl control actuator 95%
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	16 Cooling fan low speed
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	17 Pressure control valve 5%
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	18 Pressure control valve 76%
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	19 EGR cooling by pass 95%
Kia	Sportage III Engine Diesel	D4HA 2,0 CRDI	Tests	20 Fuel pump
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Adaptations	1 Erase adaptive engine parameters
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	ECU Information	1 Software version, boot loader
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	ECU Information	2 ECU software number
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	ECU Information	3 Calibration Identification
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	ECU Information	4 System identification
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	1 Immobilizer built-in
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	2 SMARTRA3 built-in
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	3 Fuel level sensor
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	4 Fuel Tank Pressure Sensor
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	5 Low pressure fuel pump relay(normal closed)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	6 MAP sensor built-in
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	7 MAF sensor built-in
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	8 Duty cycle from alternator PWM signal(AMS)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	9 A/C pressure sensor
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	10 Linear O2 sensor built-in
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	11 ESP
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	12 CDA
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	13 VVL
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	14 Battery sensor built-in
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	15 Adaptive cruise control
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	16 Leak test type - under pressure system
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	17 Malfunction indicator lamp (MIL)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	18 Ignition switch
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	19 Fuel pump
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	20 Main relay
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	21 Fuel Cut Condition
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	22 Anti-jerk function is active
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	23 Clutch pedal switch
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	24 WSS signal from ABS
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	25 Brake pedal switch
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	26 Brake lamp switch active
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	27 Engine part load
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	28 Limitation of positive torque gradient active load shock damping
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	29 Engine full load
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	30 Engine at idle speed
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	31 Overrun
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	32 Starter condition
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	33 Synchronization succeeded
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	34 Idle condition
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	35 ETC learning is finished successfully
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	36 ETC system built in
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	37 Operating state AC
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	38 A/C request to ECU (A/C switch)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	39 A/C compressor
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	40 PWM output, main fan
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	41 Fan Speed High
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	42 Fan Speed Low
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	43 Non-AMS system built in

Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	44 Sensorless AMS system built in
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	45 AMS system built in
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	46 Knocking
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	47 knock control
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	48 Knock control, adjustment
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	49 Condition canister purge active
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	50 Condition canister purge phase ON
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	51 Canister shut-off valve closed
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	52 Resetting valve, variable camshaft
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	53 Camshaft control
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	54 Intake Camshaft Control Circuit Bank 1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	55 Exhaust B Camshaft Profile Control Bank 1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	56 Lambda closed loop control active - upstream bank1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	57 Lambda control active
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	58 Open loop because of driver input
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	59 Lambda sensor heating upstream
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	60 Lambda sensor heating downstream
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	61 Power Steering Pressure Sensor/Switch Circuit
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	62 Cruise control lamp
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	63 Cruise control set lamp
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	64 Cruise control; cancel switch
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	65 Cruise control switch, resume
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	66 Vacuum type VIS solenoid 1 bank1 (option)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	67 Condition high pressure pump actuator active-bank1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	68 ISG system built-in
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	69 Battery charge warning light
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	70 Flag status of battery health(aging) (AMS)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	71 Battery: startability limit reached
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	72 Power management, quiescent current fault
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	73 Invalid condition of battery sensor
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	74 Battery sensor fault
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	75 EGR built-in
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	76 Battery voltage
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	77 Battery voltage after IG key
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	78 Battery charge
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	79 Engine speed
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	80 Target idle speed
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	81 Manifold absolute pressure
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	82 Intake Manifold Pressure
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	83 Throttle opening
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	84 Adapted throttle angle for idle (S1)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	85 Water temperature
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	86 Water temperature
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	87 Intake air temperature sensor; voltage supply
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	88 IAT - Intake air temperature
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	89 Engine oil temperature
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	90 O2 sensor binary type bank1 downstream(option)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	91 O2 sensor linear type bank1 upstream(option)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	92 Vehicle speed
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	93 Boost pressure, actual value
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	94 Purge control valve
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	95 Cylinder 1 injection time
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	96 Cylinder 2 injection time
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	97 Cylinder 3 injection time
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	98 Cylinder 4 injection time
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	99 Altitude adaptation
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	100 Atmospheric pressure
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	101 Current loading condition
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	102 Throttle position sensor
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	103 Electronic Throttle Control (ETC) directional duty cycle
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	104 Adapted throttle angle for idle (S1)

Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	105 Adapted throttle angle for idle (S2)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	106 Throttle position sensor 1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	107 Throttle position sensor 2
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	108 Throttle positon sensor Angle1-voltage
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	109 Throttle positon sensor Angle2-voltage
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	110 A/C pressure
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	111 Alternator load
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	112 Accelerator pedal position 1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	113 Accelerator pedal position 2
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	114 Accelerator pedal position sensor
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	115 Battery current value
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	116 Battery voltage
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	117 Battery temperature
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	118 State of Charge
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	119 Battery status
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	120 Battery current value
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	121 Battery, nominal capacity
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	122 Target engine torque
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	123 Engine torque, actual value
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	124 Torque lapse
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	125 Adaption air mass meter
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	126 Fuel adaption
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	127 Fuel adaption
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	128 The number of MSV on the engine
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	129 Rail pressure
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	130 Fuel pressure sensor (rail pressure)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	131 Angle to close FPR(Fuel pressure regulator)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	132 Angle to open FPR(Fuel pressure regulator)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	133 Fuel pressure setpoint (rail pressure)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	134 Status of noise reduction stage
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	135 Ignition output stage cylinder 1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	136 Ignition output stage cylinder 2
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	137 Ignition output stage cylinder 3
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	138 Ignition output stage cylinder 4
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	139 Lambda control adaptation fuel (bank 1)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	140 Requested lambda regulation, sensor 1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	141 Lambda actual value
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	142 Lambda sensor upstream pump current
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	143 Downstream O2 sensor
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	144 Mean amplitude of sensor signal behind catalyst-Bank 1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	145 Threshold value of catalyst detect
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	146 O2 sensor heater duty bank 1 sensor 1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	147 O2 sensor heater duty bank 1 sensor 2
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	148 O2 Sensor heating period-Downstream catalyst-bank 1 (LSF)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	149 O2 Sensor heating period-upstream catalyst-bank 1 (LSU)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	150 Cyl.1 ignition retard due to knock control
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	151 Cyl.2 ignition retard due to knock control
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	152 Cyl.3 ignition retard due to knock control
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	153 Cyl.4 ignition retard due to knock control
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	154 Knock control cylinder 1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	155 Knock control cylinder 2
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	156 Knock control cylinder 3
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	157 Knock control cylinder 4
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	158 Intake camshaft actual position-Bank1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	159 Intake camshaft desired position-Bank1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	160 IN-cam phaser 1 duty cycle
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	161 Exhaust camshaft actual position-Bank1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	162 EX-Cam bank1 desired position
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	163 EX-Cam phaser 1 duty cycle
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	164 Angle of inlet-camshaft edges relative to crankshaft
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	165 Angle of outlet-camshaft edges relative to crankshaft

Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	166 Misfire cycle delay reason
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	167 Cylinder 1 Current Misfire Counter
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	168 Cylinder 2 Current Misfire Counter
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	169 Cylinder 3 Current Misfire Counter
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	170 Cylinder 4 Current Misfire Counter
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	171 Total counter of emission relevant misfiring of cylinder#1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	172 Total counter of emission relevant misfiring of cylinder#2
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	173 Total counter of emission relevant misfiring of cylinder#3
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	174 Total counter of emission relevant misfiring of cylinder#4
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	175 Total counter of catalyst damaging misfiring of cylinder#1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	176 Total counter of catalyst damaging misfiring of cylinder#2
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	177 Total counter of catalyst damaging misfiring of cylinder#3
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	178 Total counter of catalyst damaging misfiring of cylinder#4
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	179 Total counter of emission relevant misfiring of all cylinders
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	180 Total counter of catalyst damaging misfiring of all cylinders
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	181 Engine coolant temperature at engine start.
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	182 Engine coolant temperature sensor (Model)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	183 Lowpass filtered battery voltage
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	184 Engine Runtime
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	185 Operating time
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	186 Distance driven with MIL on (km)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	187 Number of warm-ups since DTCs clear
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Live Parameters	188 Number of DTC
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	1 Check engine lamp
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	2 Immobilizer lamp
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	3 Cruise control lamp
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	4 Cruise control set lamp
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	5 Overspeed indicator
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	6 A/C compressor relay status
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	7 Fuel pump relay
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	8 Fuel pump control
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	9 Control variation; high pressure fuel pump
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	10 Blower fan motor-drive low
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	11 Blower fan motor-drive high
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	12 Fuel open loop
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	13 Activated charcoal canister shut-off valve
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	14 Canister shut off valve(leak test)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	15 carbon filter solenoid valve
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	16 Throttle position circuit
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	17 Variable Intake Manifold
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	18 Ignition coil 1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	19 Ignition coil 2
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	20 Ignition coil 3
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	21 Ignition coil 4
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	22 Injector Disable-Cylinder 1
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	23 Injector Disable-Cylinder 2
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	24 Injector Disable-Cylinder 3
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	25 Injector Disable-Cylinder 4
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	26 CVVT Intake
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	27 Continuous variable valve timing (CVVT), exhaust
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	28 Oil control valve (bank1 intake)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	29 Oil control valve(bank1 exhaust)
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	30 Additive correction for O2 sensor heaters B1S2
Kia	Sportage III Engine Petrol	G4FD 1,6 GDI	Tests	31 Addictive correction for all O2 sensor heaters
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Adaptations	1 Erase adaptive engine parameters
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	ECU Information	1 Software version, boot loader
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	ECU Information	2 ECU software number
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	ECU Information	3 Calibration number
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	1 Battery voltage
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	2 Battery voltage after IG key
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	3 Engine speed

Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	4 Target idle speed
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	5 Manifold absolute pressure
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	6 Intake Manifold Pressure
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	7 Water temperature
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	8 Water temperature
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	9 Intake air temperature sensor; voltage supply
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	10 IAT - Intake air temperature
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	11 O2 sensor binary type bank1 upstream(option)
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	12 O2 sensor binary type bank1 downstream(option)
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	13 O2 sensor linear type bank1 upstream(option)
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	14 Vehicle speed
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	15 Boost pressure, actual value
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	16 Purge control valve
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	17 Cylinder 1 injection time
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	18 Cylinder 2 injection time
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	19 Cylinder 3 injection time
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	20 Cylinder 4 injection time
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	21 Immobilizer built-in
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	22 Ignition lock
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	23 Malfunction indicator lamp (MIL)
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	24 Fuel pump
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	25 Main relay
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	26 Throttle position for idle
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	27 Clutch switch MT
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	28 Brake light switch
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	29 Brake test switch
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	30 Catalyst heating
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	31 Lambda Sensor Closed Loop
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	32 AC requested
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	33 Operating state AC
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	34 A/C compressor
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	35 W/O throttle position
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	36 Engine running
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	37 Synchronization succeeded
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	38 Variable induction manifold
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	39 Low speed radiator fan relay
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	40 High speed radiator fan relay
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	41 Cruise control lamp
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	42 Cruise control set lamp
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	43 Cruise control active
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	44 Condition O2 sensor upstream catalyst is ready for operation-bank1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	45 Condition O2 sensor downstream catalyst is ready for operation-bank1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	46 Rear Lambda Sensor Fuel Trim - Bank 1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	47 Overheat Protection Mode Active
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	48 IVVT Controller active - intake
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	49 Continuous variable valve timing (CVVT), exhaust
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	50 Knock detected - S1B1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	51 AMS stop reason - blower max switch
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	52 AMS stop reason - head lamp
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	53 AMS stop reason - wiper(AMS)
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	54 Battery current value
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	55 Battery voltage
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	56 Battery temperature
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	57 Battery charge
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	58 Battery status
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	59 Desired alternator voltage duty cycle(AMS)
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	60 Duty cycle from alternator PWM signal(AMS)
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	61 Nominal capacity(AMS)
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	62 Reference timer started at IG ON
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	63 Engine coolant temperature at engine start.
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	64 Intake air temperature at engine start

Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	65 Ignition output stage cylinder 1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	66 Ignition output stage cylinder 2
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	67 Ignition output stage cylinder 3
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	68 Ignition output stage cylinder 4
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	69 Engine Operating State
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	70 Torque converter
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	71 Calculated oil temperature
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	72 Ambient pressure
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	73 Air conditioning pressure
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	74 A/C pressure
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	75 Lambda sensor 1 bank 1, internal resistance
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	76 Internal resistance, oxygen sensor downstream of catalytic converter
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	77 Requested lambda regulation, sensor 1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	78 Lambda actual value
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	79 Correction of fuel quantity, offset from target value
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	80 Off-duration for sensor heating upstream catalyst
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	81 Off-duration for sensor heating downstream catalyst
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	82 Multiplicative fuel adaption at idle speed, bank 1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	83 Fuel adaptation part load
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	84 Knock control cylinder 1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	85 Knock control cylinder 2
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	86 Knock control cylinder 3
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	87 Knock control cylinder 4
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	88 Distance driven with MIL on (km)
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	89 Distance since DTCs cleared (km)
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	90 Total counter of emission relevant misfiring of cylinder#1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	91 Total counter of emission relevant misfiring of cylinder#2
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	92 Total counter of emission relevant misfiring of cylinder#3
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	93 Total counter of emission relevant misfiring of cylinder#4
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	94 Total counter of catalyst damaging misfiring of cylinder#1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	95 Total counter of catalyst damaging misfiring of cylinder#2
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	96 Total counter of catalyst damaging misfiring of cylinder#3
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	97 Total counter of catalyst damaging misfiring of cylinder#4
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	98 Throttle position sensor 1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	99 Throttle position sensor 2
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	100 Throttle Valve Actuator Setpoint
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	101 Throttle position 1 voltage
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	102 Throttle position angle 2
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	103 Accelerator pedal position
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	104 Accelerator Pedal Position sensor 1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	105 Accelerator Pedal Position Sensor 2
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	106 Motor controlled throttle
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	107 Sensor reference voltage 1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	108 Sensor reference voltage 2
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	109 Sensor Reference Voltage 3
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	110 Sensor reference voltage 4
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	111 Cruise control switch
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	112 Continuous variable valve timing (CVVT) status
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	113 Intake camshaft actual position-Bank1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	114 Exhaust camshaft actual position-Bank1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	115 Intake camshaft desired position-Bank1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	116 EX-Cam bank1 desired position
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	117 Intake oil control valve
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Live Parameters	118 VVT(Variable valve timing), exhaust oil control valve
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	1 Check engine lamp
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	2 Fuel pump relay
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	3 A/C compressor relay status
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	4 Immobilizer lamp
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	5 Blower fan motor-drive high
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	6 Blower fan motor-drive low
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	7 Main relay

Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	8 carbon filter solenoid valve
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	9 Oil control valve(bank1 exhaust)
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	10 Ignition coil 1, control circuit
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	11 Ignition coil 2, control circuit
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	12 Ignition coil 3, control circuit
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	13 Ignition coil 4, control circuit
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	14 Injector Disable-Cylinder 1
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	15 Injector Disable-Cylinder 2
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	16 Injector Disable-Cylinder 3
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	17 Injector Disable-Cylinder 4
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	18 Throttle position circuit
Kia	Sportage III Engine Petrol	G4KD 2,0 DOCH	Tests	19 Variable intake solenoid
Kia	Sportage III Headlight	Headlights	ECU Information	1 Software version
Kia	Sportage III Headlight	Headlights	ECU Information	2 Vehicle identification number
Kia	Sportage III Headlight	Headlights	Live Parameters	1 Vehicle speed
Kia	Sportage III Headlight	Headlights	Live Parameters	2 Actuator
Kia	Sportage III Headlight	Headlights	Live Parameters	3 Angle sensor
Kia	Sportage III Headlight	Headlights	Live Parameters	4 Battery positive voltage
Kia	Sportage III Headlight	Headlights	Live Parameters	5 Model identification status
Kia	Sportage III Headlight	Headlights	Live Parameters	6 Headlamp Levelling Device Status
Kia	Sportage III Immobiliser	Immobiliser	Live Parameters	1 Number of enabled keys
Kia	Sportage III Immobiliser	Immobiliser	Live Parameters	2 ECU status
Kia	Sportage III Immobiliser	Immobiliser	Live Parameters	3 Key status
Kia	Sportage III Immobiliser	Immobiliser	Live Parameters	4 SMARTRA status
Kia	Sportage III Other	Four wheel drive	Adaptations	1 Clutch learning reset
Kia	Sportage III Other	Four wheel drive	ECU Information	1 Software version, boot loader
Kia	Sportage III Other	Four wheel drive	ECU Information	2 ECU software
Kia	Sportage III Other	Four wheel drive	ECU Information	3 ECU hardware number
Kia	Sportage III Other	Four wheel drive	ECU Information	4 Software number
Kia	Sportage III Other	Four wheel drive	Live Parameters	1 Engine speed
Kia	Sportage III Other	Four wheel drive	Live Parameters	2 Vehicle speed
Kia	Sportage III Other	Four wheel drive	Live Parameters	3 Throttle position
Kia	Sportage III Other	Four wheel drive	Live Parameters	4 Supply voltage, ignition
Kia	Sportage III Other	Four wheel drive	Live Parameters	5 Battery voltage
Kia	Sportage III Other	Four wheel drive	Live Parameters	6 Driver Torque
Kia	Sportage III Other	Four wheel drive	Live Parameters	7 Torque Converter Clutch solenoid duty
Kia	Sportage III Other	Four wheel drive	Live Parameters	8 Heat energy(ITCC)
Kia	Sportage III Other	Four wheel drive	Live Parameters	9 Front right wheel speed sensor
Kia	Sportage III Other	Four wheel drive	Live Parameters	10 Front left wheel speed sensor
Kia	Sportage III Other	Four wheel drive	Live Parameters	11 Rear right wheel speed sensor
Kia	Sportage III Other	Four wheel drive	Live Parameters	12 Rear left wheel speed sensor
Kia	Sportage III Other	Four wheel drive	Live Parameters	13 Warning lamp
Kia	Sportage III Other	Four wheel drive	Tests	1 Torque Converter Clutch Pressure Control Solenoid Valve Control Circuit
Kia	Sportage III Other	Four wheel drive	Tests	2 All Wheel Drive Clutch Control Circuit
Kia	Sportage III Other	Four wheel drive	Tests	3 4WD warning light
Kia	Sportage III Restraints	Airbag	ECU Information	1 Vehicle information
Kia	Sportage III Restraints	Airbag	ECU Information	2 Control unit ID
Kia	Sportage III Restraints	Airbag	ECU Information	3 System name
Kia	Sportage III Restraints	Airbag	ECU Information	4 Manufacturing date day
Kia	Sportage III Restraints	Airbag	ECU Information	5 ECU code
Kia	Sportage III Restraints	Airbag	Live Parameters	1 Passenger Occupant Classification Sensor
Kia	Sportage III Restraints	Airbag	Live Parameters	2 Passenger occupant detection
Kia	Sportage III Restraints	Airbag	Live Parameters	3 Switch passenger airbag
Kia	Sportage III Restraints	Airbag	Live Parameters	4 Battery voltage
Kia	Sportage III Restraints	Airbag	Live Parameters	5 1st level, drivers airbag resistance
Kia	Sportage III Restraints	Airbag	Live Parameters	6 1st level, passenger airbag resistance
Kia	Sportage III Restraints	Airbag	Live Parameters	7 Driver pretensioner ignition squib
Kia	Sportage III Restraints	Airbag	Live Parameters	8 Squib circuit, belt tensioner, passenger side
Kia	Sportage III Restraints	Airbag	Live Parameters	9 Driver side, side airbag squib circuit, resistance
Kia	Sportage III Restraints	Airbag	Live Parameters	10 Passenger side, side airbag squib circuit, resistance
Kia	Sportage III Restraints	Airbag	Live Parameters	11 Driver Curtain Airbag

Kia	Sportage III Restraints		Airbag	Live Parameters	12 Passenger Curtain Airbag
Kia	Sportage III Restraints		Airbag	Live Parameters	13 Anchor fitting tensioner ignition squib, driver side
Kia	Sportage III Steering		Power steering	ECU Information	1 Vehicle type
Kia	Sportage III Steering		Power steering	ECU Information	2 System name
Kia	Sportage III Steering		Power steering	ECU Information	3 Type
Kia	Sportage III Steering		Power steering	ECU Information	4 ECU version
Kia	Sportage III Steering		Power steering	ECU Information	5 Control unit ID
Kia	Sportage III Steering		Power steering	ECU Information	6 Software programming date
Kia	Sportage III Steering		Power steering	Live Parameters	1 Battery voltage
Kia	Sportage III Steering		Power steering	Live Parameters	2 Supply voltage, ignition
Kia	Sportage III Steering		Power steering	Live Parameters	3 Sensor supply voltage
Kia	Sportage III Steering		Power steering	Live Parameters	4 Vehicle speed
Kia	Sportage III Steering		Power steering	Live Parameters	5 Filtered vehicle speed
Kia	Sportage III Steering		Power steering	Live Parameters	6 Engine speed
Kia	Sportage III Steering		Power steering	Live Parameters	7 Filtered engine speed
Kia	Sportage III Steering		Power steering	Live Parameters	8 Torque sensor main signal
Kia	Sportage III Steering		Power steering	Live Parameters	9 Sub torque sensor
Kia	Sportage III Steering		Power steering	Live Parameters	10 Steering angle sensor
Kia	Sportage III Steering		Power steering	Live Parameters	11 Measured motor current
Kia	Venga	Body Control Module	Body control module	Adaptations	1 Automatic door locking
Kia	Venga	Body Control Module	Body control module	Adaptations	2 Door Unlock Status
Kia	Venga	Body Control Module	Body control module	Adaptations	3 Head lamp escort
Kia	Venga	Body Control Module	Body control module	Adaptations	4 Automatic lightning function
Kia	Venga	Body Control Module	Body control module	ECU Information	1 Vehicle ID
Kia	Venga	Body Control Module	Body control module	ECU Information	2 Control unit ID
Kia	Venga	Body Control Module	Body control module	ECU Information	3 Version name
Kia	Venga	Body Control Module	Body control module	ECU Information	4 Manufacturing date
Kia	Venga	Body Control Module	Body control module	ECU Information	5 Software version
Kia	Venga	Body Control Module	Body control module	ECU Information	6 Hardware version
Kia	Venga	Body Control Module	Body control module	ECU Information	7 Algorithm version
Kia	Venga	Body Control Module	Body control module	Live Parameters	1 Key-in switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	2 ACC
Kia	Venga	Body Control Module	Body control module	Live Parameters	3 Ignition 1
Kia	Venga	Body Control Module	Body control module	Live Parameters	4 Ignition 2
Kia	Venga	Body Control Module	Body control module	Live Parameters	5 ALT L
Kia	Venga	Body Control Module	Body control module	Live Parameters	6 Power window relay
Kia	Venga	Body Control Module	Body control module	Live Parameters	7 Pinch protection
Kia	Venga	Body Control Module	Body control module	Live Parameters	8 Taillight switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	9 Headlamp switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	10 Automatic lighting button
Kia	Venga	Body Control Module	Body control module	Live Parameters	11 Glovebox Locking Switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	12 RPAS off switch indicator
Kia	Venga	Body Control Module	Body control module	Live Parameters	13 Front fogs switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	14 Button rear fog lights
Kia	Venga	Body Control Module	Body control module	Live Parameters	15 Daytime running lights
Kia	Venga	Body Control Module	Body control module	Live Parameters	16 Lamp Tail Output Circuit Open
Kia	Venga	Body Control Module	Body control module	Live Parameters	17 Head lamp output
Kia	Venga	Body Control Module	Body control module	Live Parameters	18 Buzzer
Kia	Venga	Body Control Module	Body control module	Live Parameters	19 Alarm signal output
Kia	Venga	Body Control Module	Body control module	Live Parameters	20 Activation of hazard warning light
Kia	Venga	Body Control Module	Body control module	Live Parameters	21 Front fog lamps
Kia	Venga	Body Control Module	Body control module	Live Parameters	22 Rear fog lights
Kia	Venga	Body Control Module	Body control module	Live Parameters	23 Interior lamps output
Kia	Venga	Body Control Module	Body control module	Live Parameters	24 Glove Box Lamp
Kia	Venga	Body Control Module	Body control module	Live Parameters	25 Interior Lamps
Kia	Venga	Body Control Module	Body control module	Live Parameters	26 Alarm LED
Kia	Venga	Body Control Module	Body control module	Live Parameters	27 Indicator lamp for central locking
Kia	Venga	Body Control Module	Body control module	Live Parameters	28 RPAS off indicator
Kia	Venga	Body Control Module	Body control module	Live Parameters	29 Defogger / deicer switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	30 Defroster
Kia	Venga	Body Control Module	Body control module	Live Parameters	31 Rear Defogger

Kia	Venga	Body Control Module	Body control module	Live Parameters	32 Driver seat belt switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	33 Front passenger seat belt switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	34 Indication lamp seat belt, driver
Kia	Venga	Body Control Module	Body control module	Live Parameters	35 Passenger seatbelt indicator
Kia	Venga	Body Control Module	Body control module	Live Parameters	36 Driver door switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	37 Passenger door switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	38 All doors closed
Kia	Venga	Body Control Module	Body control module	Live Parameters	39 Trunk Lid Latch Contact Switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	40 Hood switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	41 Door lock switch, driver side
Kia	Venga	Body Control Module	Body control module	Live Parameters	42 Door lock switch, passenger side
Kia	Venga	Body Control Module	Body control module	Live Parameters	43 Rear left door lock position switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	44 Rear right door lock position switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	45 Driver door key lock switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	46 Driver door key unlock switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	47 Central power window switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	48 Tailgate Release Switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	49 Unlock
Kia	Venga	Body Control Module	Body control module	Live Parameters	50 Lock
Kia	Venga	Body Control Module	Body control module	Live Parameters	51 Door with deadlock function lock / unlock command
Kia	Venga	Body Control Module	Body control module	Live Parameters	52 Release trunk lid/tailgate
Kia	Venga	Body Control Module	Body control module	Live Parameters	53 Front Washer Switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	54 Windscreen wiper interval
Kia	Venga	Body Control Module	Body control module	Live Parameters	55 Single wipe
Kia	Venga	Body Control Module	Body control module	Live Parameters	56 Wiper Low Speed Switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	57 Rear washer switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	58 Rear wiper, interval
Kia	Venga	Body Control Module	Body control module	Live Parameters	59 Rear wiper: on
Kia	Venga	Body Control Module	Body control module	Live Parameters	60 Rear wiper output
Kia	Venga	Body Control Module	Body control module	Live Parameters	61 Crash signal
Kia	Venga	Body Control Module	Body control module	Live Parameters	62 Speed signal for speed limiter
Kia	Venga	Body Control Module	Body control module	Live Parameters	63 Navi wakeup signal output
Kia	Venga	Body Control Module	Body control module	Live Parameters	64 Generator output
Kia	Venga	Body Control Module	Body control module	Live Parameters	65 Inhibitor switch :R
Kia	Venga	Body Control Module	Body control module	Live Parameters	66 Parking brake switch
Kia	Venga	Body Control Module	Body control module	Live Parameters	67 Automatic light system
Kia	Venga	Body Control Module	Body control module	Live Parameters	68 Tail AV
Kia	Venga	Body Control Module	Body control module	Live Parameters	69 Interval wiping
Kia	Venga	Body Control Module	Body control module	Live Parameters	70 Light sensor
Kia	Venga	Body Control Module	Body control module	Live Parameters	71 Speed signal
Kia	Venga	Body Control Module	Body control module	Live Parameters	72 Key status
Kia	Venga	Body Control Module	Body control module	Live Parameters	73 Number of registered immobilizer key
Kia	Venga	Body Control Module	Body control module	Tests	1 Unlock
Kia	Venga	Body Control Module	Body control module	Tests	2 Lock
Kia	Venga	Body Control Module	Body control module	Tests	3 Deadlocking of the locks, output
Kia	Venga	Body Control Module	Body control module	Tests	4 Release trunk lid/tailgate
Kia	Venga	Body Control Module	Body control module	Tests	5 Front wiper low
Kia	Venga	Body Control Module	Body control module	Tests	6 Rear wiper output
Kia	Venga	Body Control Module	Body control module	Tests	7 Power window
Kia	Venga	Body Control Module	Body control module	Tests	8 Pinch protection
Kia	Venga	Body Control Module	Body control module	Tests	9 Lamp Tail Output Circuit Open
Kia	Venga	Body Control Module	Body control module	Tests	10 Daytime running light (DRL) on
Kia	Venga	Body Control Module	Body control module	Tests	11 Head lamp output
Kia	Venga	Body Control Module	Body control module	Tests	12 Activation of hazard warning light
Kia	Venga	Body Control Module	Body control module	Tests	13 Front fog lamps
Kia	Venga	Body Control Module	Body control module	Tests	14 Rear fog lights
Kia	Venga	Body Control Module	Body control module	Tests	15 Alarm signal output
Kia	Venga	Body Control Module	Body control module	Tests	16 Defroster
Kia	Venga	Body Control Module	Body control module	Tests	17 Rear Defogger
Kia	Venga	Body Control Module	Body control module	Tests	18 Interior lamps output
Kia	Venga	Body Control Module	Body control module	Tests	19 Glove Box Lamp

Kia	Venga	Body Control Module	Body control module	Tests	20 Interior Lamps
Kia	Venga	Body Control Module	Body control module	Tests	21 LED for burglar alarm
Kia	Venga	Body Control Module	Body control module	Tests	22 Indicator lamp for central locking
Kia	Venga	Body Control Module	Body control module	Tests	23 RPAS off switch indicator
Kia	Venga	Body Control Module	Body control module	Tests	24 Indication lamp seat belt, driver
Kia	Venga	Body Control Module	Body control module	Tests	25 Passenger seatbelt indicator
Kia	Venga	Body Control Module	Body control module	Tests	26 Navi wakeup signal output
Kia	Venga	Body Control Module	Body control module	Tests	27 Generator output
Kia	Venga	Body Control Module	Body control module	Tests	28 Tail AV
Kia	Venga	Body Control Module	Body control module	Tests	29 Injection valve 1
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Adaptations	1 Variant coding reset
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Adaptations	1 Gyrometer/accelerometer sensor calibration
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Adaptations	2 Variant coding reset
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	1 Vehicle type
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	2 System name
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	3 Reading the current variant code
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	4 Hardware version
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	5 Software version
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	6 ECU manufacturer's part number
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	7 Part number
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	8 BB Number
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	9 ECU version
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	1 Vehicle type
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	2 System name
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	3 Hardware version
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	4 Software version
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	5 ECU manufacturer's part number
Kia	Venga	Brake System	ABS/ESP - electronic stability program	ECU Information	6 Part number
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	1 Engine speed
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	2 Vehicle speed
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	3 Throttle position
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	4 Shift lever position
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	5 Battery positive voltage
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	6 Front left wheel speed sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	7 Front right wheel speed sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	8 Rear left wheel speed sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	9 Rear right wheel speed sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	10 ABS warning lamp
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	11 EBD warning lamp
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	12 TCS/ESP warning lamp
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	13 ASR/ESP warning lamp OFF
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	14 Status ESP switch
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	15 Brake light switch, normally open contact
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	16 Motor relay
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	17 valve relay
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	18 Motor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	19 Inlet valve front left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	20 Inlet valve front right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	21 Inlet valve rear left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	22 Inlet valve rear right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	23 Outlet valve front left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	24 Outlet valve front right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	25 Outlet valve rear left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	26 Outlet valve rear right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	27 TCS valve (USV 1)
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	28 TCS valve (USV 2)
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	29 ESP valve (HSV 1)
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	30 ESP valve (HSV 2)
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	31 Steering Angel Sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	32 Status, steering angle sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	33 Steering Angel Sensor

Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	34 Lateral acceleration sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	35 Yaw rate
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	36 Pressure sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	37 Parking brake
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	38 Yaw rate/longitude acceleration sensors
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	1 Engine speed
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	2 Vehicle speed
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	3 Throttle position
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	4 Shift lever position
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	5 Battery positive voltage
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	6 Front left wheel speed sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	7 Front right wheel speed sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	8 Rear left wheel speed sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	9 Rear right wheel speed sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	10 ABS warning lamp
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	11 EBD warning lamp
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	12 TCS/ESP warning lamp
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	13 ASR/ESP warning lamp OFF
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	14 Status ESP switch
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	15 Brake light switch, normally open contact
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	16 Brake switch [NC] -ESP only
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	17 Motor relay
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	18 valve relay
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	19 Hill assist brake lamp
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	20 ESS brake lamp [ESS only]
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	21 Motor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	22 Inlet valve front left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	23 Inlet valve front right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	24 Inlet valve rear left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	25 Inlet valve rear right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	26 Outlet valve front left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	27 Outlet valve front right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	28 Outlet valve rear left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	29 Outlet valve rear right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	30 TCS valve (USV 1)
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	31 TCS valve (USV 2)
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	32 ESP valve (HSV 1)
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	33 ESP valve (HSV 2)
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	34 Steering Angel Sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	35 Status, steering angle sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	36 Steering Angel Sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	37 Lateral acceleration sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	38 Yaw rate
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	39 Pressure sensor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	40 Parking brake
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Live Parameters	41 Yaw rate/longitude acceleration sensors
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	1 Motor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	2 Inlet valve front left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	3 Inlet valve front right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	4 Inlet valve rear left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	5 Inlet valve rear right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	6 Outlet valve front left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	7 Outlet valve front right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	8 Outlet valve rear left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	9 Outlet valve rear right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	10 TCS valve (USV 1)
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	11 TCS valve (USV 2)
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	12 ESC(ESP) Valve-HSV1
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	13 ESC(ESP) Valve-HSV2
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	1 Motor
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	2 Inlet valve front left

Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	3 Inlet valve front right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	4 Inlet valve rear left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	5 Inlet valve rear right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	6 Outlet valve front left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	7 Outlet valve front right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	8 Outlet valve rear left
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	9 Outlet valve rear right
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	10 TCS Valve Left front
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	11 TCS Valve Right front
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	12 Electric shuttle Valve Right front
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	13 Electric shuttle Valve Left front
Kia	Venga	Brake System	ABS/ESP - electronic stability program	Tests	14 ESS Brake lamp relay(ESS Only)
Kia	Venga	Climate Control	Climate control	ECU Information	1 Vehicle information
Kia	Venga	Climate Control	Climate control	ECU Information	2 Control unit ID
Kia	Venga	Climate Control	Climate control	ECU Information	3 System name
Kia	Venga	Climate Control	Climate control	Live Parameters	1 Interior temperature sensor
Kia	Venga	Climate Control	Climate control	Live Parameters	2 Ambient temperature
Kia	Venga	Climate Control	Climate control	Live Parameters	3 Sensor, evaporator
Kia	Venga	Climate Control	Climate control	Live Parameters	4 Light sensor
Kia	Venga	Climate Control	Climate control	Live Parameters	5 Air mix door potentiometer-driver
Kia	Venga	Climate Control	Climate control	Live Parameters	6 Direction potentiometer-Driver
Kia	Venga	Climate Control	Climate control	Live Parameters	7 Air intake potentiometer
Kia	Venga	Climate Control	Climate control	Live Parameters	8 Ventilation temperature sensor
Kia	Venga	Climate Control	Climate control	Live Parameters	9 Temperature sensor inlet air (floor)
Kia	Venga	Climate Control	Climate control	Live Parameters	10 Engine coolant temperature sensor
Kia	Venga	Climate Control	Climate control	Live Parameters	11 Speed Sensor
Kia	Venga	Climate Control	Climate control	Tests	1 Air conditioning compressor
Kia	Venga	Climate Control	Climate control	Tests	2 AC compressor clutch off
Kia	Venga	Climate Control	Climate control	Tests	3 Blower fan motor off command
Kia	Venga	Climate Control	Climate control	Tests	4 Blower fan motor-drive low
Kia	Venga	Climate Control	Climate control	Tests	5 Blower fan motor-drive medium
Kia	Venga	Climate Control	Climate control	Tests	6 Blower fan motor-drive high
Kia	Venga	Climate Control	Climate control	Tests	7 Driver air mix door-drive 0%
Kia	Venga	Climate Control	Climate control	Tests	8 Driver air mix door-drive 50%
Kia	Venga	Climate Control	Climate control	Tests	9 Driver air mix door-drive 100%
Kia	Venga	Climate Control	Climate control	Tests	10 Driver mode door-vent
Kia	Venga	Climate Control	Climate control	Tests	11 Driver mode door-floor
Kia	Venga	Climate Control	Climate control	Tests	12 Driver mode door-def
Kia	Venga	Climate Control	Climate control	Tests	13 Fresh air
Kia	Venga	Climate Control	Climate control	Tests	14 air circulation
Kia	Venga	Climate Control	Climate control	Tests	15 PTC heater
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	1 High pressure pump
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	2 EGR valve
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	3 Coding
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	4 Swirl control valve change
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	5 Catalytic particle filter (CPF) change
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	6 Differential pressure sensor (Particle filter) change
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	7 Regeneration Reset
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	8 Cylinder 1 injector code
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	9 Cylinder 2 injector code
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	10 Cylinder 3 injector code
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Adaptations	11 Cylinder 4 injector code
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	1 Calibration date.
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	2 Vehicle Identification Number
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	3 Programming date
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	4 Software version, boot loader
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	5 ECU software
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	6 ROM (Read only memory)
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	7 Injector 1
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	8 Injector 2
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	9 Injector 3

Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	ECU Information	10 Injector 4
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	1 Accelerator pedal position sensor
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	2 Fuel pressure measured
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	3 Rail pressure regulator
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	4 Air mass meter
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	5 Atmospheric pressure
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	6 Air temperature sensor
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	7 Water temperature
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	8 Clutch switch
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	9 Control of AC compressor
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	10 Redundant brake pedal
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	11 Brake switch
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	12 Blower switch
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	13 Ignition lock
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	14 Accelerator Pedal Position sensor 1
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	15 Accelerator Pedal Position Sensor 2
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	16 CHECK-ENGINE-lamp
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	17 Glowplug relay
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	18 Battery voltage
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	19 Vehicle speed
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	20 Radiator fan
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	21 A/C condenser fan
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	22 Boost pressure sensor
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	23 Vacuum modulator
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	24 Fuel temperature sensor
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	25 Engine state
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	26 Immobilizer status lamp
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	27 Engine speed
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	28 Output of fuel metering unit (mprop)
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	29 A/C pressure sensor
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	30 Exhaust temperature Sensor 1
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	31 Exhaust temperature Sensor 2
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	32 Throttle actuator
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	33 Fuel consumption
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	34 Temperature pre oxidation catalyst
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	35 Exhaust gas temperature (pre DPF) range
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	36 Exhaust backpressure sensor before particulate filter, signal
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	37 Total Driven Distance at Last Successful Regeneration
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	38 Total driven distance since last successful regeneration
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	39 Coverage driven length
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	40 Regeneration demand
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	41 Calculated engine load
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	42 Air mass
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	43 Rail pressure linearised
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	44 Mass air flow per cylinder
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	45 Current injection quantity
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	46 Malfunction indicator lamp (MIL)
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	47 Actual engine temperature
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	48 Current injection quantity
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	49 Engine speed cylinder 1
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	50 Engine speed cylinder 4
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	51 Engine speed cylinder 2
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	52 Engine speed cylinder 3
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	53 TCU fault status
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	54 Engine displacement
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	55 Engine torque, target value
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	56 Number of registered immobilizer key
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	57 AT/MT (Gearbox) information
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	58 Operating state AC compressor
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	59 Ratio of throttle valve
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	60 Glow lamp control

Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	61 Desired injection quantity of MI1
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	62 Desired injection quantity of Pil1
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	63 Desired injection quantity of Pil2
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	64 Desired injection quantity of Pil3
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	65 Desired injection quantity of Pol1
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	66 Desired injection quantity of Pol2
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	67 Engine oil temperature
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	68 ISG system built-in
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	69 ISG status(ISG)
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	70 AMS stop reason - blower max switch
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	71 Neutral gear
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	72 Starter condition
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	73 Starter Request Circuit
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	74 Clutch is pushed more than 10%
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	75 Driver Seat Belt Status
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	76 Driver's door
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	77 Hood switch
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	78 Battery current value
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	79 Battery temperature
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	80 State of Charge
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	81 Battery status
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	82 Battery current value
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	83 ISG active
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	84 Brake booster pressure sensor
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	85 Brake booster pressure sensor volt
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	86 Nominal capacity(AMS)
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	87 No idle stop by reverse gear
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	88 No idle stop by exhaust system
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	89 No idle stop by vehicle speed condition
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	90 No idle stop by ISG component error
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	91 No idle stop by electrical system
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	92 No idle stop by air conditioning system
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	93 No idle stop by invalid battery sensor data
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	94 Invalid condition of battery sensor
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	95 Battery sensor fault
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	96 AMS stop reason - head lamp
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	97 AMS stop reason - wiper(AMS)
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	98 No idle stop by engine temperature
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	99 No idle stop by safety driver door seat belt hood switch
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	100 No idle stop by regeneration
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	101 No idle stop by time since the engine start to low
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	102 No idle stop by ISG inhibit switch
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	103 No idle stop by high engine speed
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	104 Rail pressure sensor
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	105 A/C pressure
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	106 Water in Fuel Condition
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	107 DPF (Diesel Particulate Filter) Differential Pressure
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	108 Brake light switch
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	109 Cruise control switch
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	110 Clutch switch
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	111 Air conditioning switch
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	112 Air conditioning thermo switch
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	113 Neutral switch
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	114 Injected fuel quantity
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	115 EGR demand
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	116 Target idle speed
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	117 Engine run inhibited
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	118 Vehicle total distance
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	119 Feedback, EGR-valve
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	120 PTC Detected
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	121 Cruise Control

Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	122 DPF (Diesel Particulate Filter) Differential Pressure
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	123 DPF (Diesel particulate filter) pressure without soot
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Live Parameters	124 Diesel particle filter - soot accumulated
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	1 EGR Throttle Position Control Circuit
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	2 EGR valve
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	3 Glow plug
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	4 IMV
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	5 VGT valve
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	6 Fan 2
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	7 Fan 1
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	8 Power supply relay
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	9 Malfunction indicator lamp (MIL)
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	10 Glow plug lamp
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	11 AC relay
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	12 Immobilizer lamp
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	13 Cruise main lamp
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	14 Cruise control lamp
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	15 PTC heater
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	16 Water heater control signal
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	17 Water in fuel lamp
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	18 Injector cylinder 1
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	19 Injector cylinder 2
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	20 Injector cylinder 3
Kia	Venga	Engine Diesel	D4FC 1,4 TCI-U2	Tests	21 Injector cylinder 4
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Adaptations	1 Erase adaptive engine parameters
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	ECU Information	1 Software version, boot loader
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	ECU Information	2 ECU software number
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	ECU Information	3 Calibration Identification
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	ECU Information	4 System identification
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	1 Immobilizer built-in
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	2 SMARTRA2 built-in
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	3 SMARTRA3 built-in
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	4 MAP sensor built-in
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	5 MAF sensor built-in
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	6 A/C pressure sensor
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	7 Linear O2 sensor built-in
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	8 Battery sensor built-in
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	9 Leak test type - under pressure system
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	10 Malfunction indicator lamp (MIL)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	11 Ignition switch
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	12 Fuel pump
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	13 Main relay
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	14 Fuel Cut Condition
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	15 Dash pot
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	16 Anti-jerk function is active
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	17 Variant coding
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	18 Clutch pedal switch
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	19 Driving state - D,R(A/T Only)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	20 Shift lever position sensor AT
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	21 Lock-up clutch monitoring
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	22 Leaded fuel pack
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	23 Brake pedal switch
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	24 Brake lamp switch active
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	25 Engine part load
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	26 Starter condition
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	27 Synchronization succeeded
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	28 Idle condition
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	29 ETC learning is finished successfully
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	30 Operating state AC
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	31 A/C request to ECU (A/C switch)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	32 A/C compressor

Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	33 Fan Speed High
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	34 Fan Speed Low
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	35 Non-AMS system built in
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	36 Sensorless AMS system built in
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	37 AMS system built in
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	38 Knocking
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	39 knock control
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	40 Knock control, adjustment
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	41 Condition canister purge active
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	42 Condition canister purge phase ON
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	43 Canister shut-off valve closed
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	44 Resetting valve, variable camshaft
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	45 Camshaft control
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	46 Intake Camshaft Control Circuit Bank 1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	47 Adaption of the inlet camshaft position is successful
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	48 Lambda closed loop control active - upstream bank1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	49 Lambda control active
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	50 Lambda sensor heating upstream
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	51 Lambda sensor heating downstream
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	52 Power Steering Pressure Sensor/Switch Circuit
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	53 Ignition circuit monitoring
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	54 Cruise control lamp
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	55 Cruise control set lamp
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	56 Cruise control; cancel switch
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	57 Cruise control switch, resume
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	58 ISG system built-in
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	59 ISG (Idle stop and go) deactivation switch
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	60 Blower switch
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	61 Gear is in neutral position(manual transmission only)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	62 Starter motor signal
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	63 Start request from key (ISG)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	64 Clutch is pushed more than 10%
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	65 Idle stop request by drivers demand
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	66 Driver Seat Belt Status
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	67 Driver's area door check
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	68 Hood switch
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	69 No idle stop by fuel system
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	70 No idle stop by torque system
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	71 No idle stop by exhaust system
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	72 No idle stop by vehicle speed condition
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	73 No idle stop by ISG component error
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	74 No idle stop by operation data
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	75 No idle stop by air conditioning system
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	76 No idle stop by invalid battery sensor data
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	77 Battery charge warning light
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	78 Flag status of battery health(aging) (AMS)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	79 Battery: startability limit reached
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	80 Power management, quiescent current fault
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	81 Invalid condition of battery sensor
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	82 Battery sensor fault
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	83 EGR built-in
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	84 Battery voltage
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	85 Battery voltage after IG key
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	86 Engine speed
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	87 Target idle speed
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	88 Manifold absolute pressure
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	89 Air pressure, intake manifold
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	90 Throttle position sensor voltage - Sensor 1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	91 Throttle opening
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	92 Water temperature
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	93 Water temperature

Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	94 Intake air temperature sensor; voltage supply
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	95 IAT - Intake air temperature
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	96 Engine oil temperature
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	97 O2 sensor linear type bank1 upstream(option)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	98 O2 sensor binary type bank1 downstream(option)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	99 Vehicle speed
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	100 Boost pressure, actual value
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	101 Purge control valve
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	102 Ignition output stage cylinder 1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	103 Ignition output stage cylinder 2
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	104 Ignition output stage cylinder 3
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	105 Ignition output stage cylinder 4
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	106 Adaption air mass meter
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	107 Air conditioning pressure
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	108 A/C pressure
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	109 Engine coolant temperature at engine start.
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	110 Engine coolant temperature sensor (Model)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	111 Altitude adaptation
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	112 Atmospheric pressure
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	113 Injection time
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	114 Throttle position sensor
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	115 Throttle position sensor 1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	116 Throttle position sensor 2
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	117 Air mass through throttle, angle sensor 2
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	118 Electronic Throttle Control (ETC) directional duty cycle
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	119 Accelerator pedal position sensor voltage
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	120 Accelerator pedal position
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	121 Engaged gear AT
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	122 Engine torque, actual value
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	123 Target engine torque
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	124 Transmission Control Unit TCU torque demand
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	125 Accelerator pedal position - Sensor 1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	126 Accelerator pedal position - Sensor 2
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	127 Adapted throttle angle for idle (S1)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	128 Fuel adaption
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	129 Fuel adaption
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	130 Relative fuel part of purge control
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	131 Lambda control adaptation fuel (bank 1)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	132 Requested lambda regulation, sensor 1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	133 Correction value from downstream o2 sensor - bank1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	134 Filtered cycle duration O2 sensor signal up. Catalyst
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	135 Off-duration for sensor heating upstream catalyst
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	136 Off-duration for sensor heating downstream catalyst
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	137 Cyl.1 ignition retard due to knock control
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	138 Cyl.2 ignition retard due to knock control
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	139 Cyl.3 ignition retard due to knock control
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	140 Cyl.4 ignition retard due to knock control
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	141 Knock control cylinder 1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	142 Knock control cylinder 2
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	143 Knock control cylinder 3
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	144 Knock control cylinder 4
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	145 Intake camshaft desired position-Bank1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	146 Intake camshaft actual position-Bank1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	147 IN-cam phaser 1 duty cycle
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	148 Cylinder 1 Current Misfire Counter
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	149 Cylinder 2 Current Misfire Counter
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	150 Cylinder 3 Current Misfire Counter
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	151 Cylinder 4 Current Misfire Counter
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	152 Total counter of emission relevant misfiring of cylinder#1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	153 Total counter of emission relevant misfiring of cylinder#2
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	154 Total counter of emission relevant misfiring of cylinder#3

Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	155 Total counter of emission relevant misfiring of cylinder#4
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	156 Total counter of catalyst damaging misfiring of cylinder#1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	157 Total counter of catalyst damaging misfiring of cylinder#2
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	158 Total counter of catalyst damaging misfiring of cylinder#3
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	159 Total counter of catalyst damaging misfiring of cylinder#4
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	160 Total counter of emission relevant misfiring of all cylinders
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	161 Total counter of catalyst damaging misfiring of all cylinders
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	162 Battery current value
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	163 Battery voltage
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	164 Battery temperature
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	165 Battery charge
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	166 Battery status
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	167 Flag status of battery health(aging) (AMS)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	168 Engine stop
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	169 Brake booster pressure sensor
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	170 Brake booster pressure sensor volt
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	171 Desired alternator voltage duty cycle(AMS)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	172 Duty cycle from alternator PWM signal(AMS)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Live Parameters	173 Nominal capacity(AMS)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	1 Check engine lamp
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	2 Immobilizer lamp
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	3 Cruise control lamp
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	4 ISG (Idle stop and go) lamp
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	5 A/C compressor relay status
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	6 Fuel pump relay
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	7 Fuel pump control
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	8 Blower fan motor-drive low
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	9 Blower fan motor-drive high
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	10 Fuel open loop
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	11 carbon filter solenoid valve
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	12 Throttle position circuit
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	13 Ignition coil 1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	14 Ignition coil 2
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	15 Ignition coil 3
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	16 Ignition coil 4
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	17 Injector Disable-Cylinder 1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	18 Injector Disable-Cylinder 2
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	19 Injector Disable-Cylinder 3
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	20 Injector Disable-Cylinder 4
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	21 CVVT Intake
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	22 Oil control valve (bank1 intake)
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	23 Additive correction for O2 sensor heaters B1S1
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	24 Additive correction for O2 sensor heaters B1S2
Kia	Venga	Engine Petrol	G4FA-I 1,4 DOCH	Tests	25 Injection valve 1
Kia	Venga	Immobiliser	Immobiliser	Live Parameters	1 Number of enabled keys
Kia	Venga	Immobiliser	Immobiliser	Live Parameters	2 ECU status
Kia	Venga	Immobiliser	Immobiliser	Live Parameters	3 Key status
Kia	Venga	Immobiliser	Immobiliser	Live Parameters	4 SMARTRA status
Kia	Venga	Restraints	Airbag	ECU Information	1 Vehicle information
Kia	Venga	Restraints	Airbag	ECU Information	2 Control unit ID
Kia	Venga	Restraints	Airbag	ECU Information	3 System name
Kia	Venga	Restraints	Airbag	ECU Information	4 Manufacturing date day
Kia	Venga	Restraints	Airbag	ECU Information	5 ECU code
Kia	Venga	Restraints	Airbag	Live Parameters	1 Passenger Occupant Classification Sensor
Kia	Venga	Restraints	Airbag	Live Parameters	2 Passenger occupant detection
Kia	Venga	Restraints	Airbag	Live Parameters	3 Switch passenger airbag
Kia	Venga	Restraints	Airbag	Live Parameters	4 Battery voltage
Kia	Venga	Restraints	Airbag	Live Parameters	5 Driver Seat Track Position Sensor
Kia	Venga	Restraints	Airbag	Live Parameters	6 Passenger seat track position sensor
Kia	Venga	Restraints	Airbag	Live Parameters	7 Driver buckle switch status
Kia	Venga	Restraints	Airbag	Live Parameters	8 Passenger buckle switch status

Kia	Venga	Restraints	Airbag	Live Parameters	9 1st level, drivers airbag resistance
Kia	Venga	Restraints	Airbag	Live Parameters	10 2nd level, drivers airbag resistance
Kia	Venga	Restraints	Airbag	Live Parameters	11 1st level, passenger airbag resistance
Kia	Venga	Restraints	Airbag	Live Parameters	12 2nd level, passenger airbag resistance
Kia	Venga	Restraints	Airbag	Live Parameters	13 Driver pretensioner ignition squib
Kia	Venga	Restraints	Airbag	Live Parameters	14 Squib circuit, belt tensioner, passenger side
Kia	Venga	Restraints	Airbag	Live Parameters	15 Driver side, side airbag squib circuit, resistance
Kia	Venga	Restraints	Airbag	Live Parameters	16 Passenger side, side airbag squib circuit, resistance
Kia	Venga	Restraints	Airbag	Live Parameters	17 Rear driver side airbag squib circuit
Kia	Venga	Restraints	Airbag	Live Parameters	18 Rear passenger side, side airbag squib circuit, resistance
Kia	Venga	Restraints	Airbag	Live Parameters	19 Driver Curtain Airbag
Kia	Venga	Restraints	Airbag	Live Parameters	20 Passenger Curtain Airbag
Kia	Venga	Restraints	Airbag	Live Parameters	21 Anchor fitting tensioner ignition squib, driver side
Kia	Venga	Restraints	Airbag	Live Parameters	22 Anchor fitting tensioner ignition squib, passenger side
Kia	Venga	Restraints	Airbag	Live Parameters	23 Driver knee airbag, resistance
Kia	Venga	Restraints	Airbag	Live Parameters	24 Passenger knee airbag, resistance
Kia	Venga	Restraints	Airbag	Live Parameters	25 Ignition cycle counter
Kia	Venga	Steering	Power steering	Adaptations	1 Steering angle calibration
Kia	Venga	Steering	Power steering	ECU Information	1 System name
Kia	Venga	Steering	Power steering	ECU Information	2 ECU hardware number
Kia	Venga	Steering	Power steering	ECU Information	3 ECU software
Kia	Venga	Steering	Power steering	ECU Information	4 Tuning number
Kia	Venga	Steering	Power steering	ECU Information	5 Vehicle information
Kia	Venga	Steering	Power steering	Live Parameters	1 Battery voltage
Kia	Venga	Steering	Power steering	Live Parameters	2 Steering wheel torque
Kia	Venga	Steering	Power steering	Live Parameters	3 Steering angle sensor
Kia	Venga	Steering	Power steering	Live Parameters	4 Steering Angle Sensor Calibrated
Kia	Venga	Steering	Power steering	Live Parameters	5 Steering wheel angle velocity
Kia	Venga	Steering	Power steering	Live Parameters	6 Motor current
Kia	Venga	Steering	Power steering	Live Parameters	7 Target motor current
Kia	Venga	Steering	Power steering	Live Parameters	8 Target engine torque
Kia	Venga	Steering	Power steering	Live Parameters	9 ECU temperature
Kia	Venga	Steering	Power steering	Live Parameters	10 Motor temperature sensor
Kia	Venga	Steering	Power steering	Live Parameters	11 Derating status
Kia	Venga	Steering	Power steering	Live Parameters	12 Vehicle speed
Kia	Venga	Steering	Power steering	Live Parameters	13 Filtered vehicle speed
Kia	Venga	Steering	Power steering	Live Parameters	14 Index sensor signal
Kia	Venga	Steering	Power steering	Live Parameters	15 Engine status
Kia	Venga	Steering	Power steering	Live Parameters	16 Calibration status